



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

ENTRIES

July 2016

Dear chess problemists,

This document contains the compositions submitted for the 10th WCCT. They are ordered according to the eight sections (Twomovers, Threemovers, Moremovers, Endgame studies, Helpmates, Selfmates, Fairies, Retros). In sections A, B, E, F, G all compositions are computer-tested. In section C all problems with stipulation up to 10 moves are tested. The outline of solution is still shown according to the author's presentation.

Within each section, the compositions are sorted by:

- (a) the stipulation (length of solution in ascending order, win/draw),
- (b) overall number of pieces in ascending order,
- (c) the number of white pieces in ascending order,
- (d) the position of white king (in file order),
- (e) the position of black king (in file order).

In some cases this order is slightly changed to improve layout. The diagrams are printed without name and country of the composer(s).

Compositions were received from the following 38 countries (in alphabetical order):

Argentina (ARG), Armenia (ARM), Austria (AUT), Azerbaijan (AZE), Belarus (BLR), Belgium (BEL), Brazil (BRA), Croatia (CRO), Czech Republic (CZE), Denmark (DEN), Finland (FIN), France (FRA), Georgia (GEO), Germany (GER), Great Britain (GBR), Greece (GRE) . Hungary (HUN), India (IND), Israel (ISR), Italy (ITA), Japan (JPN), Lithuania (LTU), Macedonia (MKD), Moldova (MDA), Mongolia (MGL), Netherlands (NED), Poland (POL), Romania (ROU), Russia (RUS), Serbia (SRB), Slovakia (SVK), Slovenia (SLO), Spain (ESP), Sweden (SWE), Switzerland (SUI), Turkey (TUR), Ukraine (UKR), United States (USA).

The document is distributed to all participating and judging countries; it is also available for download at the WFCC website <http://wfcc.ch>. It offers the opportunity to study (and enjoy!) the compositions, to submit claims (only concerning obvious misprints, soundness and anticipation; claims about the thematic contents or technical improvement will not be accepted), and to judge the compositions.

Please note that **only** the appointed national team leaders are permitted to submit claims. Claims should be sent to the Tournament Director by October 1st, 2016. The judgments should be received no later than June 1st, 2017. In order to save time, judging should begin immediately even before the stages of claims

and replies to claims are concluded (their results can be taken into account later).

Email address of the Tournament Director, Georgy Evseev:
10wcct@gmail.com

The Codex prescribes that publication of a composition should also include the name of the composer(s). WCCT problems are a clear exception, as the diagrams in the entries booklet must be given without authors' names according to the Rules. The compositions in this booklet are to be considered as published with a priority date of May 1st, 2016.

Claims based on compositions featuring the 10th WCCT theme and published between March 2015 and May 2016 will be handled as the Director considers appropriate. In the announcement document, WFCC kindly asked the editors of chess magazines not to publish originals with themes of this tournament before the closing date of the 10th WCCT. The judging countries should review the 10th WCCT compositions as a standalone set, without making any comparison to problems published after May 1st.

From the General Rules

14. Using a scale of 0 to 4 with the step of 0.2 points, each judging country will allocate points to all compositions in the section which it has agreed to judge, except for the entries of the judging country itself. Compositions which are sound, thematic and not anticipated should receive at least 0.2 points. The judging countries must explain their reason(s) for giving a score of 0 points to any composition. Comments on all compositions are welcome and are strongly recommended in the case of those with a score of 2.6 points or more.

15. If a judging country does not make its award by the date prescribed in the Tournament schedule, or in the case of other irregularities, the Director may appoint some other judging country, making use in the first instance of the list of reserves drawn up by the WCCT Committee. The WFCC Presidium shall be informed.

16. The Director will calculate the total points gained by each composition. If a composition has been judged by five judging countries, the Director discards the highest and the lowest marks and sums the remaining three. In calculating the score of the entries of judging countries in the section(s) that the countries are judging, the highest and lowest marks will be discarded and the score will be 1.5 times the sum of the two middle marks. If a composition has received a zero

mark from two or more judging countries, it is excluded from the tournament and receives no points.

17. The Director will order the entries in each section on the basis of their score. In each section, only the two highest-placed entries from each participating country will be taken into consideration in calculating the country's tournament score. The overall winner of the Tournament is the country with the highest total score from seven best sections out of eight for this country.

The Judging System

Each judging country is free to determine its own judging method, whether it uses one, two or more judges. To reach the best result, it is recommended that a country's judges work in consultation with each other. The country should itself resolve any dispute among the judges; for example an appointed person in charge may make the final decision. It is not required for judges to be international FIDE judges. The judging countries are trusted to appoint their best experts to carry out the work and they are not obliged to provide the names of the persons who have made the award.

Guidelines for the allocation of points (please make full use of the available scale).

Points	Description
4.0	An outstanding problem: an accurate and intensive rendering of the set theme, without blemishes in any of the main lines, and showing originality and flair. Perfect construction and economy.
3.0	<i>Either:</i> a very good problem showing the theme clearly but perhaps not intensively or very originally <i>Or:</i> a task rendering of the theme which does not reach the highest artistic standard. In either case, good construction and economy.
2.0	A good problem, very likely worth an honourable mention or commendation in a reasonably strong tourney, but not a very intensive rendering of the theme, and perhaps not very original. Adequate to good construction and economy.
1.0	A very ordinary piece of work, typical of many average columns but hardly up to award standard. Adequate construction and economy.
0.0	Unsound, unthematic or fully anticipated.

Please, do not forget that the scale step have been changed and now correct marks are 0.0 – 0.2 – 0.4 – 0.6 – 0.8 – 1.0 – 1.2 – 1.4 – 1.6 – 1.8 – 2.0 – 2.2 – 2.4 – 2.6 – 2.8 – 3.0 – 3.2 – 3.4 – 3.6 – 3.8 – 4.0. Marks like 2.5 are no longer valid.

Timetable

March 10st, 2015	Announcement
May 15th, 2015	Registration
May 1st, 2016	Deadline for submitting entries
July 1st, 2016	Document with entries
October 1st, 2016	Claims
November 1st, 2016	Distribution of claims
January 1st, 2017	Replies to claims
February 1st, 2017	Distribution of replies to claims
June 1st, 2017	Judging completed
October 1st, 2017	Award booklet
WFCC Meeting, 2017	Celebration of the winners

I should warmly thank WFCC President Harry Fougiaxis and all of the WCCT committee members for their support, as well as all the other people who helped to prepare this document.

Director of the 10th WCCT
Georgy Evseev

June 30th, 2016



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**ENTRIES
SECTION A: TWOMOVERS**

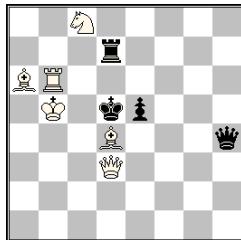
July 2016

Judging countries

Croatia, Great Britain, Israel, Serbia, Ukraine
(Slovakia as reserve)

Theme: Anticipatory unpin of a white piece. In the diagram position a white piece **A** is not pinned. The first move of a try and/or solution ensures that this white piece **A** is not pinned later, in order to provide a mate.

A001



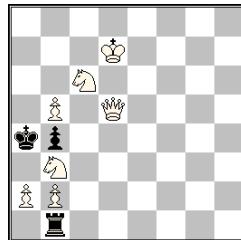
#2

(6+4)

1. $\mathbb{Q}e7+$? $\mathbb{Q}xe7!$
 1. $\mathbb{Q}g6?$ [2. $\mathbb{Q}b6\#$] $\mathbb{Q}f6!$
 1. $\mathbb{Q}f6?$ [2. $\mathbb{Q}b6\#$] $\mathbb{Q}xf6!$
 1. $\mathbb{Q}d6?$ $\mathbb{Q}xd6!$
 1. $\mathbb{Q}c6?$ [2. $\mathbb{Q}b6\#$] $\mathbb{Q}b7+!$
 1. $\mathbb{Q}b7?$ $\mathbb{Q}xb7!$
 1. $\mathbb{Q}a4?$ $\mathbb{Q}xd4+!$

1. $\mathbb{Q}b4!$ [2. $\mathbb{Q}c4\#$]
 1... $\mathbb{Q}c7$ 2. $\mathbb{Q}d6\#$
 1... $\mathbb{Q}e1+ 2. \mathbb{Q}c3\#$
 1...exd4 2. $\mathbb{Q}f5\#$
 1... $\mathbb{Q}e7+ 2. \mathbb{Q}c5\#$

A002



#2

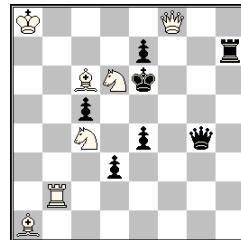
(7+3)

1. $\mathbb{Q}bd4?$ [2. $\mathbb{Q}b3\#$]
 but 1... $\mathbb{Q}d1!$

 1. $\mathbb{Q}cd4!$ [2. $\mathbb{Q}a8\#$]
 1... $\mathbb{Q}a1/ \mathbb{Q}xb2/ \mathbb{Q}c1/ \mathbb{Q}e1/$
 $\mathbb{Q}f1/ \mathbb{Q}g1/ \mathbb{Q}h1$ 2. $\mathbb{Q}a8\#$

Meredith

A003



#2

(7+7)

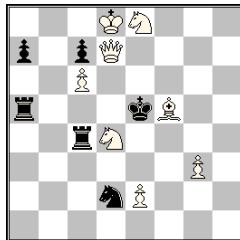
1. $\mathbb{Q}\sim?$ [2. $\mathbb{Q}c8\#$]
 but 1... $\mathbb{Q}h8!, \mathbb{Q}g8!$

 1. $\mathbb{Q}e2?$ [2. $\mathbb{Q}c8\#$]
 1... $\mathbb{Q}g8$ 2. $\mathbb{Q}xe7\#$
 but 1... $\mathbb{Q}h8!$

 1. $\mathbb{Q}b7?$ [2. $\mathbb{Q}c8\#$]
 1... $\mathbb{Q}h8$ 2. $\mathbb{Q}xe7\#$
 but 1... $\mathbb{Q}g8!$

1. $\mathbb{Q}b8!$ [2. $\mathbb{Q}c8\#$]
 1... $\mathbb{Q}g8$ 2. $\mathbb{Q}f5\#$
 1... $\mathbb{Q}h8$ 2. $\mathbb{Q}f7\#$
 1...exd6 2. $\mathbb{Q}f6\#$

A004



‡2

(8+6)

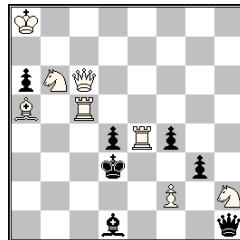
1.e4? [2. $\mathbb{Q}g7\#$ A]
 1... $\mathbb{Q}d5$ b 2. $\mathbb{Q}xd5\#$ C
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}f3\#$
 1... $\mathbb{Q}xc6$ 2. $\mathbb{Q}xc6\#$
 but 1... $\mathbb{Q}xd4!$ a

1.e3? [2. $\mathbb{Q}e6\#$ B]
 1... $\mathbb{Q}xd4$ a 2.exd4# D
 1... $\mathbb{Q}xc6$ 2. $\mathbb{Q}xc6\#$
 but 1... $\mathbb{Q}d5!$ b

1. $\mathbb{Q}xc7!$ [2. $\mathbb{Q}d6\#$]
 1... $\mathbb{Q}xd4$ a 2. $\mathbb{Q}e6\#$ B
 1... $\mathbb{Q}d5$ b 2. $\mathbb{Q}g7\#$ A
 1... $\mathbb{Q}e4$ 2. $\mathbb{Q}f3\#$
 1... $\mathbb{Q}xc6+$ 2. $\mathbb{Q}xc6\#$

Anticipatory unpin of W \mathbb{Q} by move of W \mathbb{Q}
 Hannelius - ideal form with changed mates

A005



‡2

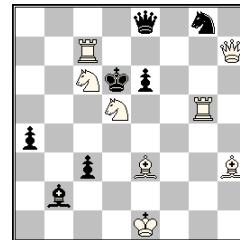
(8+7)

1. $\mathbb{Q}d7?$ [2. $\mathbb{Q}e5\#$] $\mathbb{Q}xe4!$
 1. $\mathbb{Q}d5?$ [2. $\mathbb{Q}xf4\#$]
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}xa6\#$
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}b4\#$
 but 1... $\mathbb{Q}f3!$

1. $\mathbb{Q}d5?$ [2. $\mathbb{Q}xd4\#$] $\mathbb{Q}xe4!$
 1. $\mathbb{Q}ce5?$ [2. $\mathbb{Q}c4\#$]
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}xe4\#$
 but 1... $\mathbb{Q}b3!$

1. $\mathbb{Q}d5!$ [2. $\mathbb{Q}dxd4\#$]
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}c4\#$
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}g6\#$

A006



‡2

(8+7)

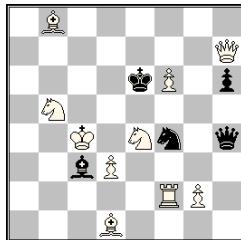
1. $\mathbb{Q}cb4?$ [2. $\mathbb{Q}c5\#$ A]
 1... exd5 a 2. $\mathbb{Q}xd5\#$
 (2. $\mathbb{Q}c5?$ - pin)
 1... $\mathbb{Q}c6$ 2. $\mathbb{Q}xc6\#$
 but 1... $\mathbb{Q}b5!$

1. $\mathbb{Q}ce7?$ [2. $\mathbb{Q}c5\#$ A]
 1... exd5 a 2. $\mathbb{Q}f4\#$
 (2. $\mathbb{Q}c5?$ $\mathbb{Q}xc7!$)
 1... $\mathbb{Q}c6$ 2. $\mathbb{Q}c8\#$
 but 1... $\mathbb{Q}a3!$

1. $\mathbb{Q}e5!$ [2. $\mathbb{Q}c4\#$]
 1... exd5 a 2. $\mathbb{Q}c5\#$ A
 1... $\mathbb{Q}c6$ 2. $\mathbb{Q}f7\#$
 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}d3\#$

Choice of anticipatory unpin of $\mathbb{Q}e3$ by $\mathbb{Q}c6$ with threat correction and Dombrovskis effect
 Zagoruiko 3x2

A007

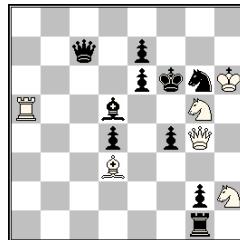


‡2

(10+5)

1. $\mathbb{Q}d6?$ [2. $\mathbb{Q}c7\#$]1... $\mathbb{Q}a5$ 2. $\mathbb{Q}d4\#$ but 1... $\mathbb{Q}d5!$ 1.d4? [2. $\mathbb{Q}c7\#$]1... $\mathbb{Q}xd4$ 2. $\mathbb{Q}xd4\#$ 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}c5\#$ but 1... $\mathbb{Q}a5!$ **1.g4!** [2. $\mathbb{Q}e7\#$]1... $\mathbb{Q}d5/\mathbb{Q}g6$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}xf6/\mathbb{Q}xf6$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}b4$ 2. $\mathbb{Q}d4\#$ 1... $\mathbb{Q}xg4$ 2. $\mathbb{Q}xg4\#$

A008



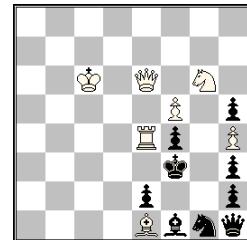
‡2

(6+10)

1. $\mathbb{Q}\sim?$ [2. $\mathbb{Q}g4\#$] $\mathbb{Q}h1!$ 1. $\mathbb{Q}h3?$ [2. $\mathbb{Q}g4\#$]1... $\mathbb{Q}e5$ 2. $\mathbb{Q}xe6\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}xe6\#$ but 1... $\mathbb{Q}e5!$ 1. $\mathbb{Q}h4?$ [2. $\mathbb{Q}g4\#$]1... $\mathbb{Q}e5$ 2. $\mathbb{Q}f7\#$ 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}xf4\#$ but 1... $\mathbb{Q}f3!$ **1.Qh5!** [2. $\mathbb{Q}g4\#$]1... $\mathbb{Q}e5$ 2. $\mathbb{Q}e4\#$ 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}h7\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}xg6\#$

Thematic pin refutation,
anticipatory unpin in
views/solution

A009



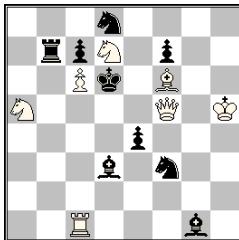
‡2

(7+9)

1... $\mathbb{Q}g2/\mathbb{Q}g2$ 2. $\mathbb{Q}xf4\#$ **A**1... $\mathbb{Q}g4$ 2. $\mathbb{Q}e5\#$ **B** (2. $\mathbb{Q}xf4?$)**1.Qd5! Z**1... $\mathbb{Q}g2/\mathbb{Q}g2$ 2. $\mathbb{Q}e5\#$ **B**(2. $\mathbb{Q}xf4?$)1... $\mathbb{Q}g4$ 2. $\mathbb{Q}xf4\#$ **A**(2. $\mathbb{Q}e5?$)1... $\mathbb{Q}g2$ 2. $\mathbb{Q}xe2\#$

Anticipatory unpin of $\mathbb{Q}e4$
which gets pinned in setplay
Reciprocal change

A010

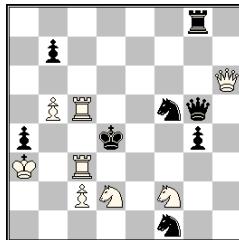


‡2

(7+9)

1. $\mathbb{Q}b8?$ [2. $\mathbb{Q}d7\#$]1... $\mathbb{Q}c4$ 2. $\mathbb{Q}axc4\#$ 1... $\mathbb{Q}e6$ 2. $\mathbb{Q}axb7\#$ but 1... $\mathbb{Q}b5!$ 1. $\mathbb{Q}c5?$ [2. $\mathbb{Q}d7\#$]1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xe4\#$ 1... $\mathbb{Q}e6$ 2. $\mathbb{Q}xb7\#$ but 1... $\mathbb{Q}c2!$ (1... $\mathbb{Q}b5?$)1. $\mathbb{Q}e5!$ [2. $\mathbb{Q}d7\#$] (1... $\mathbb{Q}b5?$)1... $\mathbb{Q}c4$ 2. $\mathbb{Q}exc4\#$ 1... $\mathbb{Q}e6$ 2. $\mathbb{Q}xf7\#$ 1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}xe5\#$ 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}d7\#$ Anticipatory unpin of W \mathbb{Q} by
1. $\mathbb{Q}c5$ and 1. $\mathbb{Q}e5$ Zagoruko theme (changed
mates in three phases after
1... $\mathbb{Q}c4$ / $\mathbb{Q}e6$)

A011



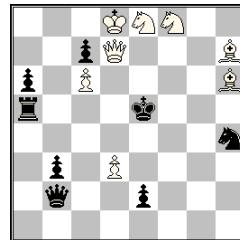
‡2

(8+8)

1. $\mathbb{Q}fe4?$ [2. $\mathbb{Q}d3\#$]1... $\mathbb{Q}xd2$ a 2. $\mathbb{Q}3c4\#$ A1... $\mathbb{Q}e3$ b 2. $\mathbb{Q}f6\#$ Bbut 1... $\mathbb{Q}xd2!$ 1. $\mathbb{Q}b6?$ [2. $\mathbb{Q}d3\#$]1... $\mathbb{Q}xd2$ a 2. $\mathbb{Q}f6\#$ but 1... $\mathbb{Q}e3!$ 1. $\mathbb{Q}b4!$ [2. $\mathbb{Q}d3\#$]1... $\mathbb{Q}xd2$ a 2. $\mathbb{Q}f6\#$ B1... $\mathbb{Q}e3$ b 2. $\mathbb{Q}3c4\#$ A

Reciprocal exchange

A012



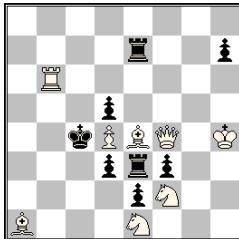
‡2

(8+8)

1. $\mathbb{Q}e3?$ [2. $\mathbb{Q}e6\#$ A]1... $\mathbb{Q}d4$ a 2. $\mathbb{Q}xd4\#$ but 1... $\mathbb{Q}d5!$ B1. $\mathbb{Q}e4?$ [2. $\mathbb{Q}g7\#$ B]1... $\mathbb{Q}d5$ b 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}g6\#$ but 1... $\mathbb{Q}d4!$ a1. $\mathbb{Q}xc7!$ [2. $\mathbb{Q}d6\#$]1... $\mathbb{Q}d4$ a 2. $\mathbb{Q}e6\#$ A1... $\mathbb{Q}d5$ b 2. $\mathbb{Q}g7\#$ B1... $\mathbb{Q}a3$ 2. $d4\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}g6\#$

Dombrovskis

A013



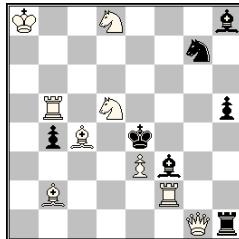
‡2

(8+8)

1. $\mathbb{Q}fxd3?$ [2. $\mathbb{Q}b4\#$]1... $\mathbb{Q}xd3$ 2. $\mathbb{Q}xd3\#$ 1... $\mathbb{Q}b7$ 2. $\mathbb{Q}e5\#$ but 1... $dxe4!$ 1. $\mathbb{Q}g4!$ [2. $\mathbb{Q}xe3\#$]1... $\mathbb{Q}3xe4$ 2. $\mathbb{Q}c1\#$ 1... $\mathbb{Q}7xe4$ 2. $\mathbb{Q}c7\#$

Radical change

A014

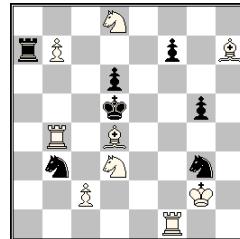


‡2

(9+7)

1. $\mathbb{Q}d4?$ [2. $\mathbb{Q}f6\#$]1... $\mathbb{Q}f5$ 2. $\mathbb{Q}d3\#$ 1... $\mathbb{Q}e6/\mathbb{Q}e8$ 2. $\mathbb{Q}g6\#$ but 1... $\mathbb{Q}f5!$ 1. $\mathbb{Q}f7?$ [2. $\mathbb{Q}d6\#$]1... $\mathbb{Q}e8$ 2. $\mathbb{Q}g6\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}g5\#$ but 1... $\mathbb{Q}f5!$ 1. $\mathbb{Q}b7!$ [2. $\mathbb{Q}d6\#$]1... $\mathbb{Q}e8$ 2. $\mathbb{Q}g6\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}f6\#$

A015



‡2

(9+7)

1. $\mathbb{Q}d\sim$ [2. $c4\#$] $\mathbb{Q}a2!$ 1. $\mathbb{Q}xa7?$ [2. $c4\#$] $\mathbb{Q}c5!$

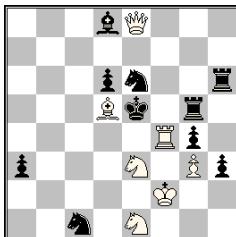
Theme A - 1st correction

1. $\mathbb{Q}f2?$ [2. $c4\#$] $\mathbb{Q}f5!$

Theme A - 2nd correction

1. $\mathbb{Q}b2!$ [2. $c4\#$]1... $\mathbb{Q}f5$ 2. $\mathbb{Q}xf5\#$ 1... $f5$ 2. $\mathbb{Q}g8\#$ (Theme A)1... $\mathbb{Q}a5$ 2. $\mathbb{Q}d4\#$ Thematic pin refutation,
anticipatory unpin in
try/solution

A016

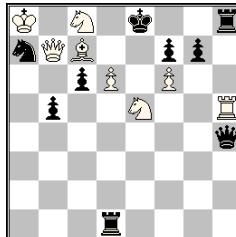


‡2

(7+10)

1. $\mathbb{Q}c6?$ [2. $\mathbb{Q}c4\#$]1... $\mathbb{B}f5$ 2. $\mathbb{Q}xg4\#$ 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}c3\#$ but 1... $\mathbb{Q}b6!$ 1. $\mathbb{Q}f7?$ [2. $\mathbb{Q}e4\#$]1... $\mathbb{B}f5$ 2. $\mathbb{Q}xf5\#$ 1... $\mathbb{Q}c5$ 2. $\mathbb{Q}c4\#$ 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$ but 1... $\mathbb{Q}f6!$ 1. $\mathbb{Q}a4!$ [2. $\mathbb{Q}e4\#$]1... $\mathbb{B}f5$ 2. $\mathbb{Q}xf5\#$ 1... $\mathbb{Q}c5$ 2. $\mathbb{Q}d4$ 2. $\mathbb{Q}d4\#$ 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$

A017



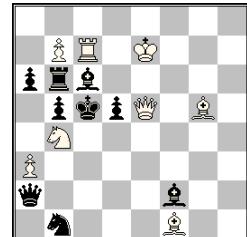
‡2

(8+9)

1. $\mathbb{Q}a5/b6?$ [2. $\mathbb{Q}e7\#/\mathbb{Q}xf7\#$]but 1...0-0! (2. $\mathbb{Q}e7?$)1. $\mathbb{Q}d8?$ [2. $\mathbb{Q}e7\#$]but 1... $\mathbb{Q}xc8!$ (2. $\mathbb{Q}xc8?$)1. $\mathbb{Q}b8?$ [2. $\mathbb{Q}xa7\#$]1... $\mathbb{Q}xc8$ 2. $\mathbb{Q}xc8\#$ 1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}xd6\#$ 1... $\mathbb{Q}g4$ 2. $\mathbb{Q}xh8\#$ but 1... $\mathbb{Q}h3!$ 1. $\mathbb{Q}b8!$ [2. $\mathbb{Q}e7\#$]1...0-0 2. $\mathbb{Q}e7\#$ 1... $\mathbb{Q}f8$ 2. $\mathbb{Q}xf7\#$ 1... $\mathbb{Q}d8$ 2. $\mathbb{Q}d7\#$ 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}xh8\#$ 1... $\mathbb{Q}xc8$ 2. $\mathbb{Q}xc8\#$

Occupation of d8 or b8
prevents the thematic pin of
the $\mathbb{Q}c8$

A018



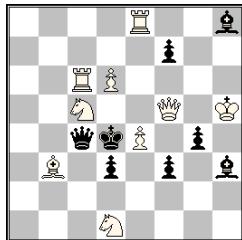
‡2

(8+9)

1. $\mathbb{Q}e6?$ [2. $\mathbb{Q}e7\#$]1... $\mathbb{B}xb7$ 2. $\mathbb{Q}xc6\#$ 1... $\mathbb{Q}h4$ 2. $\mathbb{Q}e3\#$ but 1... $\mathbb{Q}e2!$ 1. $\mathbb{Q}d8?$ [2. $\mathbb{Q}e7\#$]1... $\mathbb{Q}e2$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{B}xb7$ 2. $\mathbb{Q}xc6\#$ but 1... $\mathbb{Q}h4!$ 1. $\mathbb{Q}f7?$ [2. $\mathbb{Q}e7\#$]1... $\mathbb{Q}e2$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{Q}h4$ 2. $\mathbb{Q}e3\#$ but 1... $\mathbb{B}xb7!$ 1. $\mathbb{Q}f8!$ [2. $\mathbb{Q}e7\#$]1... $\mathbb{Q}e2$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{B}xb7$ 2. $\mathbb{Q}xc6\#$ 1... $\mathbb{Q}h4$ 2. $\mathbb{Q}e3\#$

The most economical
presentation of 3 thematic
variations with 3 thematic
tries on 3 different lines

A019



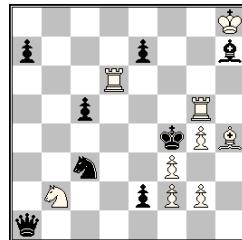
‡2

(9+8)

- 1... $\mathbb{W}xc5$ 2. $\mathbb{W}xc5\#$
 1... $\mathbb{W}d5$ 2. $\mathbb{W}xd5\#$
 (1. $\mathbb{W}g5?$ [2. $\mathbb{W}e3\#$] $\mathbb{W}e6!$)
 1. $\mathbb{W}f4?$ B [2. $\mathbb{W}e3\#$]
 1... $\mathbb{W}xc5$ + 2. $\mathbb{W}e5\#$ A
 1... $\mathbb{W}d5$ + 2. $\mathbb{W}xd5\#$
 1... $\mathbb{W}xb3$ 2. $\mathbb{W}xb3\#$
 but 1... $\mathbb{W}c1!$
 1.e5! A [2. $\mathbb{W}e4\#$]
 1... $\mathbb{W}xc5$ 2. $\mathbb{W}f4\#$ B
 1... $\mathbb{W}d5$ 2. $\mathbb{W}xd3\#$
 1... $\mathbb{W}d5$ 2. $\mathbb{W}e4\#$

Zagoruiko, Salazar

A020

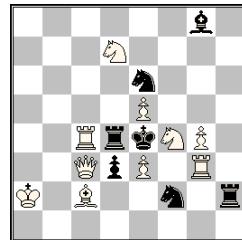


‡2

(9+8)

1. $\mathbb{W}h5?$ [2. $\mathbb{W}g3\#$] $\mathbb{W}e4!$
 1. $\mathbb{W}g7?$ [2. $\mathbb{W}g3\#$]
 1... $\mathbb{W}e4$ 2. $\mathbb{W}d3\#$
 but 1... $\mathbb{W}g6!$
 1. $\mathbb{W}e5!$ [2. $\mathbb{W}g3\#$]
 1... $\mathbb{W}e4$ 2. $\mathbb{W}d3\#$
 1... $\mathbb{W}f5$ 2. $\mathbb{W}xf5\#$

A021

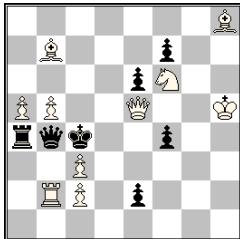


‡2

(10+7)

- 1... $\mathbb{W}xg4$ 2. $\mathbb{W}xd3\#$
 1... $\mathbb{W}e\sim$ 2. $\mathbb{W}xd3\#$
 1. $\mathbb{W}b3?$ [2. $\mathbb{W}b7\#$]
 1... $\mathbb{W}xg4$ 2. $\mathbb{W}xd3\#$
 1... $\mathbb{W}e\sim$ 2. $\mathbb{W}xd4\#$
 1... $\mathbb{W}xf4$ 2. $\mathbb{W}xd4\#$
 but 1... $\mathbb{W}xc4!$
 1. $\mathbb{W}b2!$ [2. $\mathbb{W}b7\#$]
 1... $\mathbb{W}xg4$ 2. $\mathbb{W}xd3\#$
 1... $\mathbb{W}e\sim$ 2. $\mathbb{W}xd4\#$
 1... $\mathbb{W}xf4$ 2. $\mathbb{W}xd4\#$
 1... $\mathbb{W}xc4$ 2. $\mathbb{W}f6\#$

A022



#2

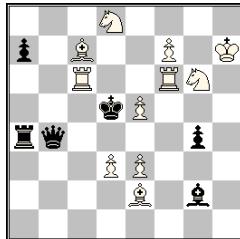
(10+7)

1. $\mathbb{Q}d7?$ [2. $\mathbb{Q}xe2\#$ A/ $\mathbb{Q}b6\#$]1... $\mathbb{Q}xb5$ a 2. $\mathbb{Q}xb5\#$ C1... $\mathbb{Q}c5$ b 2. $\mathbb{Q}xc5\#$ Dbut 1... $\mathbb{Q}d6!$ c1. $\mathbb{Q}a6?$ [2. $\mathbb{Q}d4\#$ B]1... $\mathbb{Q}xb5$ a 2. $\mathbb{Q}xb5\#$ E1... $\mathbb{Q}xc3/\mathbb{Q}d6$ c 2. b6#but 1... $\mathbb{Q}c5!$ b1. $\mathbb{Q}d5!$ [2. $\mathbb{Q}b6\#$]1... $\mathbb{Q}xb5$ a 2. $\mathbb{Q}d4\#$ B1... $\mathbb{Q}c5$ b 2. $\mathbb{Q}xe2\#$ A1... $\mathbb{Q}xa5/\mathbb{Q}d6$ c 2. $\mathbb{Q}d4\#$ 1... exd5 2. $\mathbb{Q}xd5\#$

Dombrovkis paradox

Mate changes (3 changes on
1... $\mathbb{Q}xb5$ over the 3 phases)

A023

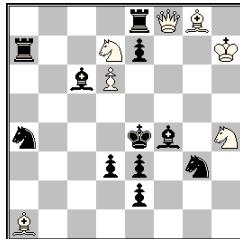


#2

(11+6)

1. $\mathbb{Q}d6?$ [2. $\mathbb{Q}e7\#$]1... $\mathbb{Q}e4$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}fxd6\#$ but 1... $\mathbb{Q}e4!$ 1. $\mathbb{Q}c4?$ [2. $\mathbb{Q}f4\#$]1... $\mathbb{Q}e4$ 2. dx e4#1... $\mathbb{Q}d6$ 2. $\mathbb{Q}xd6\#$ but 1... $\mathbb{Q}xc4!$ 1. $\mathbb{Q}f5!$ [2.e6#]1... $\mathbb{Q}e4$ 2. $\mathbb{Q}f4\#$ 1... $\mathbb{Q}e4$ 2. $\mathbb{Q}e7\#$ 1... $\mathbb{Q}d6$ 2. exd6#

A024

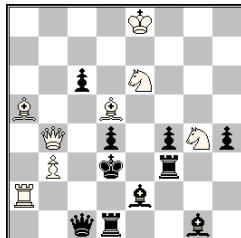


#2

(7+11)

1. $\mathbb{Q}f7?$ [2. $\mathbb{Q}c4\#$]1... e6 2. $\mathbb{Q}f6\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}xf5\#$ 1... $\mathbb{Q}b6$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}f3\#$ 1... $\mathbb{Q}b5$ 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}xd5\#$ but 1... $\mathbb{Q}b2!$ 1. $\mathbb{Q}g7!$ [2. $\mathbb{Q}d4\#$]1... $\mathbb{Q}b2$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}c5\#$ 1... e5 2. $\mathbb{Q}f6\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}g2\#$ 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}xe5\#$

A025



‡2

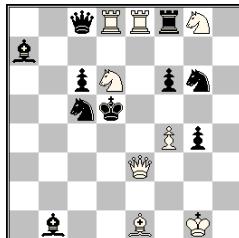
(8+10)

1... $\mathbb{Q}e3$ a 2. $\mathbb{Q}c4\#$
1... $\mathbb{Q}e3$ b 2. $\mathbb{Q}xd4\#$

1. $\mathbb{W}e7!$ [2. $\mathbb{W}h7\#$]
1... $\mathbb{Q}e3$ a 2. $\mathbb{Q}c5\#$
1... $\mathbb{Q}e3$ b 2. $\mathbb{Q}xf4\#$

Changed mates

A026



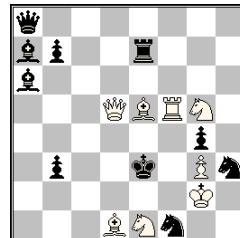
‡2

(8+10)

1. $\mathbb{Q}b5+?$
1... $\mathbb{Q}d7/\mathbb{Q}xd8$ 2. $\mathbb{Q}d4\#$
1... $\mathbb{Q}c4$ 2. $\mathbb{Q}a3\#$
but 1... $\mathbb{Q}d7!$

1. $\mathbb{A}f2!$ [2. $\mathbb{W}d4\#$]
1... $\mathbb{Q}c\sim$ 2. $\mathbb{Q}b3\#$
1... $\mathbb{Q}d7$ 2. $\mathbb{Q}e6\#$ ($\mathbb{W}b3\#?$)
1... $\mathbb{Q}d3$ 2. $\mathbb{Q}e4\#$ ($\mathbb{W}b3\#?$)
1... $\mathbb{Q}xe8$ 2. $\mathbb{Q}xf6\#$
1... $\mathbb{Q}e7$ 2. $\mathbb{Q}xe7\#$

A027



‡2

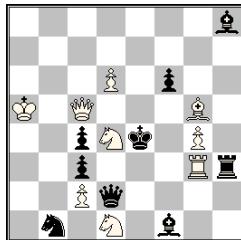
(8+10)

1. $\mathbb{Q}ef3?$ [2. $\mathbb{W}e4\#$]
1... $b6$ 2. $\mathbb{Q}d4\#$
1... $b5$ 2. $\mathbb{Q}xb3\#$
1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}xe5\#$
(1... $\mathbb{Q}d2/\mathbb{Q}xg3$ 2. $\mathbb{Q}d2\#$
1... $\mathbb{Q}f2/\mathbb{Q}f4+/Qxg5$ 2. $\mathbb{Q}f4\#$
1... $\mathbb{Q}xf3+2. \mathbb{Q}xf3\#$)
but 1... $\mathbb{Q}d3!$

1. $\mathbb{A}f2!$ [2. $\mathbb{W}e4\#$]
1... $b6$ 2. $\mathbb{Q}d4\#$
1... $b5$ 2. $\mathbb{Q}e2\#$
1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}xe5\#$
(1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd3\#$
1... $\mathbb{Q}d2/\mathbb{Q}xg3$ 2. $\mathbb{Q}d2\#$
1... $\mathbb{Q}xf2/\mathbb{Q}f4+/Qxg5$
2. $\mathbb{Q}f4\#$)

Three changed mates, two of which after Bi-Valve defences

A028



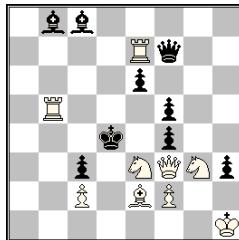
#2

(9+9)

1. ♜b5! [2. ♛f5#]

- 1... ♜d5 2. ♜e3#
- 1... ♜xg5 2. ♜d4#
- 1... ♜f2 2. ♜xf2#
- 1... ♜f4 2. ♜d4#

A029



#2

(9+9)

1. ♜e~? [2. ♜d3# **A**] ♜b7!

(1. ♜exf5+? ♜xf5!)

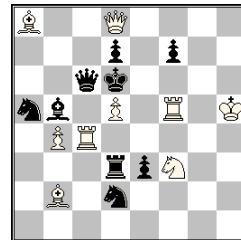
1. ♜g2? hxg2+!

1. ♜d5! [2. ♜xc3# (**♞d3? A**)]

- 1... exd5 2. ♜d3# **A**
- 1... fxg3 2. ♜e3#
- 1... ♜e5 2. ♜xf4#

Anticipatory unpin shown in two phases
 White correction, threat correction

A030



#2

(9+9)

1. ♜e5? [2. ♜xf7#]

1... ♜xd5 2. ♜f6#

1... ♜xd5 2. ♜xd7#

but 1... ♜xd5!

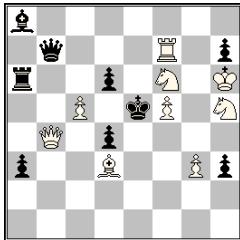
1. ♜g5! [2. ♜xf7#]

1... ♜xd5 2. ♜f6#

1... ♜xd5 2. ♜f8#

Anticipatory unpin of wRf5,
 both in try and solution

A031



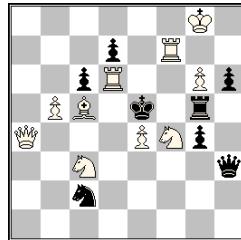
#2

(9+9)

1. $\mathbb{Q}f4?$ [2. $\mathbb{Q}g4\#$ A]1... $d5$ a 2. $\mathbb{Q}e1\#$ B1... $\mathbb{Q}f3$ 2. $\mathbb{Q}d7\#$ ($\mathbb{Q}e7?$)but 1... $dxc5!$ **1. $\mathbb{Q}c6!$** [2. $\mathbb{Q}e1\#$ B]1... $d5$ a 2. $\mathbb{Q}g4\#$ A1... $\mathbb{Q}xb4$ 2. $\mathbb{Q}e7\#$ ($\mathbb{Q}d7?$)1... $\mathbb{Q}xc6$ 2. $\mathbb{Q}e7\#$

Le Grand, dual avoidance

A032

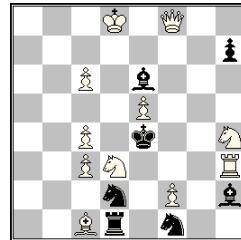


#2

(10+8)

1... $\mathbb{Q}\sim$ 2. $\mathbb{Q}d4\#$ 1... $cx b5$ 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}xf5\#$ 1. $\mathbb{Q}df6?$ [2. $\mathbb{Q}d6\#$]1... $\mathbb{Q}xg6+ 2. \mathbb{Q}xg6\#$ 1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd3\#$ but 1... $\mathbb{Q}b4!$ 1. $\mathbb{Q}dx d7?$ [2. $\mathbb{Q}d6\#$]2. $\mathbb{Q}de7\#$]but 1... $\mathbb{Q}xg6+!$ 1. $\mathbb{Q}bcx6?$ [2. $\mathbb{Q}d5\#$]1... $dx c6$ 2. $\mathbb{Q}e6\#$ but 1... $\mathbb{Q}b4!$ 1. $\mathbb{Q}a8?$ [2. $\mathbb{Q}e8\#$]1... $g3$ 2. $\mathbb{Q}d3\#$ but 1... $\mathbb{Q}d4!$ 1. $\mathbb{Q}ce2?$ [2. $\mathbb{Q}e7\#$]but 1... $\mathbb{Q}b3!$ **1. $\mathbb{Q}cd5!$** [2. $\mathbb{Q}e7\#$]1... $\mathbb{Q}d4$ 2. $\mathbb{Q}xd4\#$ 1... $g3$ 2. $\mathbb{Q}d3\#$ 1... $cxd5$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{Q}xg6+$ 2. $\mathbb{Q}xg6\#$

A033

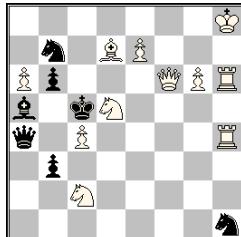


#2

(11+7)

1... $\mathbb{Q}b3/\mathbb{Q}f3$ 2. $\mathbb{Q}f3\#$ 1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}f5\#$ 1. $\mathbb{Q}f6?$ [2. $\mathbb{Q}c5\#$]1... $\mathbb{Q}d\sim$ 2. $\mathbb{Q}f3\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}xf5\#$ but 1... $\mathbb{Q}xc4!$ **1. $\mathbb{Q}d6!$** [2. $\mathbb{Q}d4\#$]1... $\mathbb{Q}b3$ 2. $f3\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}xe5\#$ 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}xd5\#$ Changed mates after thematic defences $\mathbb{Q}f3/\mathbb{Q}b3$ and defences $\mathbb{Q}xe5/\mathbb{Q}d5$

A034



‡2

(11+7)

1... ♜d6 2. ♜d4† A

1.e8♕? [2. ♜e3†]

1... ♜d2 a 2. ♜xb6† B

1... ♜a1 b 2. ♜c8† C

but 1... ♜c3!

1. ♜f4? [2. ♜d4† A, ♜d3† D]

1... ♜c3 c, ♜a1 b, bxc2

2. ♜d3† D

1... ♜xc4, ♜f2 2. ♜d4† A

but 1... ♜xd7!

1. ♜e1? [2. ♜d3† D]

1... ♜xe1 d 2. ♜xb6† B

but 1... ♜f2!

1. ♜cb4? [2. ♜d3† D]

1... ♜xb4 e 2. ♜xb6† B

1... ♜xb4 f 2. ♜c6† E

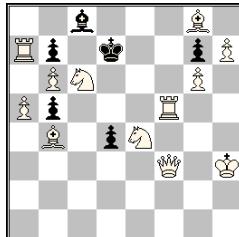
but 1... ♜f2!

1.g7! [2. ♜d4† A]

1... ♜c3 c 2. ♜xb6† B

1... ♜a1 b 2. ♜c6† E

A035



‡2

(12+6)

1. ♜f8? A [2. ♜e5†/ ♜b8†]

but 1... ♜xc6+! a

1. ♜c5? B [2. ♜f7† C]

but 1... ♜e8+! b

1. ♜g4? Z

1... ♜xc6 a 2. ♜c5† B

1... ♜e8 b 2. ♜f8† A

but 1... d3!

1.h8♕? Z

1... ♜xc6 a 2. ♜f6† D

1... ♜e8 b 2. ♜e6† E

but 1... d3!

1. ♜e2? Z

1... ♜xc6 a 2. ♜xb5† F

1... ♜e8 b 2. ♜f6† D

but 1... d3!

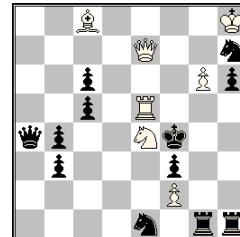
1. ♜b3! [2. ♜e6†]

1... ♜xc6 a 2. ♜d5† G

1... ♜e8 b 2. ♜f7† C

Bannij, Zagorukko 4x2,
change defence, 1x
Dombrovskis

A036



‡2

(7+12)

1. ♜~? [2. ♜e4† A]

1... ♜g5/ ♜f6 2. ♜f6†

but 1... ♜a1!

1. ♜c3? bxc3!

1. ♜f6! [2. ♜f5† (2. ♜e4† A)]

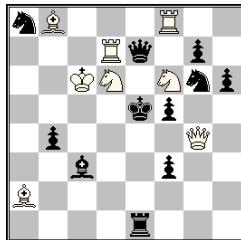
1... ♜g5 2. ♜e4† A

1... ♜h5 2. ♜xh5†

1... ♜xf6 2. ♜xf6†

White correction based on
pin prevention and threat
correction based on another
pin prevention

A037



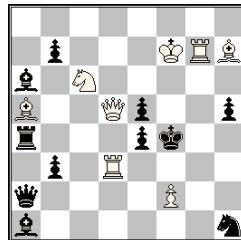
#2

(8+11)

- 1...f4 2.♕c4# **A**
 1...gxsf6 2.♕f7# **B**
 1...♕d4 2.♕xf5# **C**
- 1.♕c5!** [2.♕xf5# **C**]
 1...♕e6 2.♕c4# **A**
 1...♕xf6 2.♕f7# **B**
 1...♕d4+ 2.♕xd4#
 (1...♕xd6+ 2.♕xd6#
 1...♕xd7 2.♕xd7#
 1...fxg4 2.♕xg4#
 1...♕h4 2.♕xe7#)

Two transferred mates within
WCCT-theme content,
additionally Dombrovskis
paradox and change of mate

A038

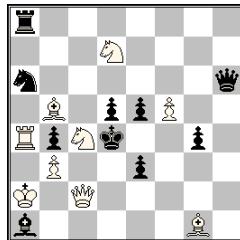


#2

(8+11)

- 1.♔g8? [2.♕f7#]
 1...♗g3 2.fxg3#
 but 1...♗c4!, b2!
 1.♔f8? [2.♕f7#]
 1...♗c4 2.♕xe4#
 1...b2 2.♕xe5#
 1...♗g3 2.fxg3#
 but 1...♗a3+!
 1.♔e7? [2.♕f7#]
 1...♗c4 2.♕xe4#
 1...b2 2.♕xe5#
 but 1...♗a3+!
- 1.♔e8!** [2.♕f7#]
 1...♗c4 2.♕xe4#
 1...b2 2.♕xe5#
 1...♗g3 2.fxg3#

A039



#2

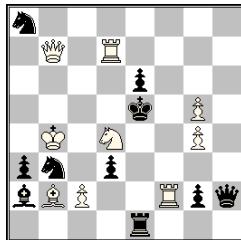
(9+10)

- 1...♕h2 **a** 2.♗xe3# **A1**
 1...dxc4 2.♗xc4#
 1...e4 2.♗d2#
- 1.♗c~? [2.♗d3#] ♕h2! 2.♗c5!
 1.♗d6? [(2.♗c3) 2.♗d3#,
 (e4) 2.♗d2#]
 1...♗c5 2.♗xc5#
 but 1...♕h2!
- 1.♗a3? [2.♗d3#]
 1...♗c5 2.♗xb4#
 1...e4 2.♗d2#
 but 1...♕h2! **a**
- 1.♗b2? [2.♗d3#]
 1...e4 2.♗d2#
 but 1...♗c5! **b**
- 1.♗d2? [2.♗d3#]
 1...♗c5 **b** 2.♗xc5# **B1**
 but 1...e4!

- 1.♗a5!** [2.♗d3#]
 1...♕h2 **a** 2.♗c6# **A2**
 1...♗c5 **b** 2.♗xb4# **B2**
 1...e4 2.♗d2#

White correction
Changed mates

A040



‡2

(9+10)

1.cxd3? [2.♘c6# A]

1...♝e4 b 2.♛xe4#

1...♝xd4 2.♝xd4#

but 1...♝f4! a

1.♜f6? [2.♝f3# B]

1...♝f4 a 2.♝xe6#

1...♝xd4 2.♝xd4#

but 1...♝e4! b

1.♚xa3? [2.♝xb3#]

1...♝f4 a 2.♝f3# B

1...♝e4 b 2.♝c6# A

1...♝xd4 2.♝xd4#

but 1...♝b1!

1.♝f3! [2.♝c6# A]

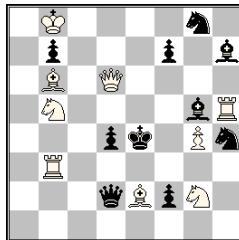
1...♝f4 a 2.♝xf4#

1...♝e4 b 2.♝f6#

1...♝xd4 2.♝xd4#

Dombrovskis, defense-based,
Hannelius, Zagorulko, critical
moves, theme B2

A041



‡2

(9+10)

1...d3, ♜ ~ 2.♝d4# F

1.♝xd4? [2.♝e5#]

1...♝xd4 2.♝xd4# F

1...♝f4 b 2.♝c3# B

but 1...♝f4! c

1.♝c7? [2.♝d5# E]

1...♝f6 2.♝e7#

1...♝xg2 a 2.♝f3# A

1...♝a5 2.♝xd4# F

but 1...♝e7!

1.♝xg5? [2.♝e5#, ♜d5#, ♜e5#]

1...♝f5 2.♝f3# A

1...♝f4 b 2.♝xf4# C

1...♝xg5 2.♝xd4# F

but 1...♝f5!

1.♝c4? [2.♝d5# E, ♜d5# D]

1...♝xg2 a, ♜f4 b, ♜f4 c

2.♝d5# D

1...♝c3 2.♝d5# E

but 1...♝e7!

1.♝c7! [2.♝e5#]

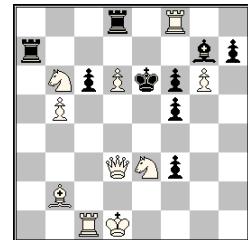
1...f6 2.♝e6#

1...♝f4 c/♝f6 2.♝d5#

1...♝g6/♝f3 2.♝f3# A

1...♝f4 b 2.♝xd4# F

A042



‡2

(10+9)

1.♝xf5? [2.♝e4#]

1...♝a4 2.♝xg7#

but 1...♝xd6!

1.♝ec4? [2.♝e3#]

1...♝xd6 2.♝xd6#

1...♝h6 2.♝xf6#

1...f4 2.♝e4#

but 1...♝a3!

1.♝ed5! [2.♝f4#]

1...♝xd6 2.♝e3#

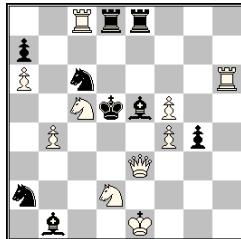
1...♝h6 2.♝xf6#

1...♝a4 2.♝c7#

1...♝xd6 2.♝xc6#

1...cxsd5 2.♝xd5#

A043



‡2

(10+9)

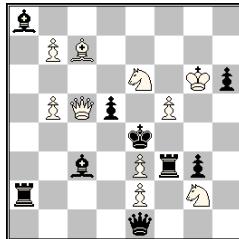
1. $\mathbb{Q}c\sim?$ [2. $\mathbb{Q}c5\#$]
but 1... $\mathbb{Q}e\sim!$

1. $\mathbb{Q}e6?$ [2. $\mathbb{Q}c5\#$]
1... $\mathbb{Q}d6$ a 2. $\mathbb{Q}b3\#$ A
1... $\mathbb{Q}d4$ b 2. $\mathbb{Q}c7\#$
1... $\mathbb{Q}d4$ 2. $\mathbb{Q}xe5\#$
but 1... $\mathbb{Q}d6!$

1. $\mathbb{Q}ce4!$ [2. $\mathbb{Q}c5\#$]
1... $\mathbb{Q}d6$ a 2. $\mathbb{Q}f6\#$
1... $\mathbb{Q}d4$ b 2. $\mathbb{Q}b3\#$ A
1... $\mathbb{Q}d4$ 2. $\mathbb{Q}c5\#$

White correction
3 changed mates with 1
transferred mate

A044



‡2

(10+9)

1. $\mathbb{Q}e7?$
[2. $\mathbb{Q}d4\#/\mathbb{Q}c5\#/\mathbb{Q}g5\#$]
1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}h4\#$
1...d4 2. $\mathbb{Q}ef4\#$
1... $\mathbb{Q}e5$ 2. $\mathbb{Q}c5\#$
but 1... $\mathbb{Q}a6!$

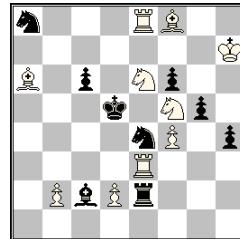
1. $\mathbb{Q}d6?$ [2. $\mathbb{Q}c5\#$]
1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}f4\#$
1... $\mathbb{Q}b4$ 2. $\mathbb{Q}e5\#$
but 1... $\mathbb{Q}d4!$

1. $\mathbb{Q}a3?$ [2. $\mathbb{Q}c5\#$]
1... $\mathbb{Q}b4/\mathbb{Q}d4$ 2. $\mathbb{Q}d3\#$
1...d4 2. $\mathbb{Q}ba8\mathbb{Q}/\mathbb{Q}\#$
but 1... $\mathbb{Q}xe3!$

1. $\mathbb{Q}b6!$ [2. $\mathbb{Q}c5\#$]
1... $\mathbb{Q}b4/\mathbb{Q}d4$ 2. $\mathbb{Q}xd4\#$
1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}xe3\#$
1...d4 2. $\mathbb{Q}c6\#$

The white \mathbb{Q} closes the bent line a2-g6 to prevent pin of the threat-piece. Three different replies each to 1... $\mathbb{Q}b4$, 1... $\mathbb{Q}xe3$ and 1...d4 across 4 phases

A045



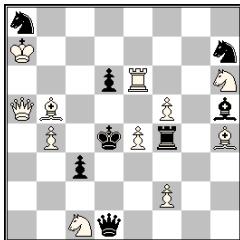
‡2

(10+9)

1. $\mathbb{Q}b3?$ [2. $\mathbb{Q}c4\#$]
1... $\mathbb{Q}xd2$ 2. $\mathbb{Q}d8\#$
1... $\mathbb{Q}b6$ 2. $\mathbb{Q}c7\#$
1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$
1...c5 2. $\mathbb{Q}b7\#$
1... $\mathbb{Q}d3/\mathbb{Q}xb3$ 2. $\mathbb{Q}d3\#$
but 1... $\mathbb{Q}d6!$

1. **d3!** [2. $\mathbb{Q}c4\#$]
1... $\mathbb{Q}d6$ 2. $\mathbb{Q}e7\#$
1... $\mathbb{Q}d2$ 2. $\mathbb{Q}d8\#$
1... $\mathbb{Q}b6$ 2. $\mathbb{Q}c7\#$
1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$
1...c5 2. $\mathbb{Q}b7\#$
1... $\mathbb{Q}xd3$ 2. $\mathbb{Q}xd3\#$
1... $\mathbb{Q}b3$ 2. $\mathbb{Q}xe4\#$

A046



#2

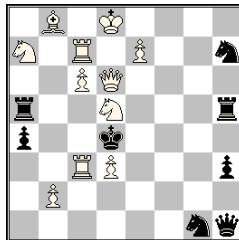
(11+8)

1. $\mathbb{Q}f1?$ [2. $\mathbb{Q}e2?$ [2. $\mathbb{Q}d5\#$]
but 1... $\mathbb{Q}a4!$

1. $\mathbb{Q}d3?$ [2. $\mathbb{Q}xd6\#$ /2. $\mathbb{Q}d5\#$]
but 1... $\mathbb{Q}b3!$

1. $\mathbb{Q}a6!$ [2. $\mathbb{Q}d5\#$]
1... $\mathbb{Q}f6$ 2. $\mathbb{Q}xf6\#$
1... $\mathbb{Q}c7/\mathbb{Q}b6$ 2. $\mathbb{Q}b6\#$
1... $\mathbb{Q}xf2$ 2. $\mathbb{Q}xf2\#$
1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}xd6\#$
1... $\mathbb{Q}xf5$ 2. $\mathbb{Q}xf5\#$
1... $\mathbb{Q}b3$ 2. $\mathbb{Q}xb3\#$
1... $c2$ 2. $\mathbb{Q}a1\#$

A047



#2

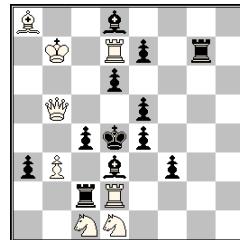
(11+8)

1. $e8\mathbb{Q}?$ [2. $\mathbb{Q}e3\#$]
1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}e4\#$
1... $\mathbb{Q}axd5$ 2. $\mathbb{Q}b5\#$
1... $\mathbb{Q}hxd5$ 2. $\mathbb{Q}ee5\#$
but 1... $\mathbb{Q}f3!$

1. $\mathbb{Q}d7!$ [2. $\mathbb{Q}b4\#$]
1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}f4\#$
1... $\mathbb{Q}axd5$ 2. $\mathbb{Q}c5\#$
1... $\mathbb{Q}hxd5$ 2. $\mathbb{Q}e5\#$
1... $\mathbb{Q}b5$ 2. $\mathbb{Q}xb5\#$

3 changed mates
1 transferred mate

A048



#2

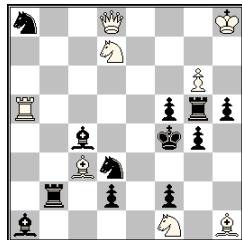
(8+12)

1. $\mathbb{Q}a7?$ [2. $\mathbb{Q}d5\#$] $e6!$
1. $\mathbb{Q}b8?$ [2. $\mathbb{Q}d5\#$] $\mathbb{Q}c7+!$
1. $\mathbb{Q}c6/c8?$ [2. $\mathbb{Q}d5\#$] $cx b3+!$

1. $\mathbb{Q}a6!$ [2. $\mathbb{Q}d5\#$]
1... $e6$ 2. $\mathbb{Q}xd6\#$
1... $c3$ 2. $\mathbb{Q}c4\#$
1... $cx b3$ 2. $\mathbb{Q}xb3\#$

Theme (anticipatory unpin of W \mathbb{Q}) and anti-theme (anticipatory pin of W \mathbb{Q})

A049



#2

(8+12)

1... $\mathbb{Q}c5$ 2. $\mathbb{Q}e5\#$

I.

1. $\mathbb{Q}d\sim?$ (1. $\mathbb{Q}b8$) [2. $\mathbb{Q}d4\#$]
1... $\mathbb{Q}c5$ **c** 2. $\mathbb{Q}d6\#$
but 1.. $\mathbb{Q}b8$ $\mathbb{Q}d5$ / $\mathbb{Q}xg6!$

II.

1. $\mathbb{Q}b6?$ [2. $\mathbb{Q}d4\#$] (1... $\mathbb{Q}b8??$)
1... $\mathbb{Q}d5$ 2. $\mathbb{Q}xd5\#$
but 1... $\mathbb{Q}xg6!$

III.

1. $\mathbb{Q}f8?$ [2. $\mathbb{Q}d4\#$]
(1... $\mathbb{Q}b8?$ 2. $\mathbb{Q}d4\#$)
1... $\mathbb{Q}xg6$ 2. $\mathbb{Q}xg6\#$
but 1... $\mathbb{Q}d5!$

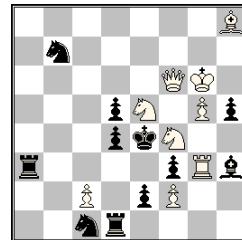
IV.

1. $\mathbb{Q}e5?$ [2. $\mathbb{Q}d4\#$]
1... $\mathbb{Q}b8$ 2. $\mathbb{Q}xd2\#$
1... $\mathbb{Q}d5$ **a** 2. $\mathbb{Q}xd3\#$
1... $\mathbb{Q}xg6$ **b** 2. $\mathbb{Q}xg6\#$
but 1... $\mathbb{Q}c5!$ (2. $\mathbb{Q}d6\#??$)

V.

1. $\mathbb{Q}f6!$ [2. $\mathbb{Q}d4\#$]
1... $\mathbb{Q}b8$ 2. $\mathbb{Q}xd2\#$
1... $\mathbb{Q}d5$ **a** 2. $\mathbb{Q}xd5\#$
1... $\mathbb{Q}xg6$ **b** 2. $\mathbb{Q}xh5\#$
1... $\mathbb{Q}c5$ **c** 2. $\mathbb{Q}d6\#$ Multistage attempt against the pinning defence 1... $\mathbb{Q}b8!$, first preventing the move, then anticipatory unpin of the W \mathbb{Q} and anticipatory unpin of the indirectly pinned Bishop!White correction
Avoidance of selfobstruction
3 changed mates

A050

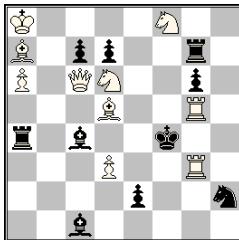


#2

(9+11)

1. $\mathbb{Q}xh3?$ [2. $\mathbb{Q}f4/\mathbb{Q}f5\#$] $\mathbb{Q}a6!$ 1. $\mathbb{Q}xh5?$ [2. $\mathbb{Q}f4\#$]
1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xf3\#$
1... $\mathbb{Q}f5+$ 2. $\mathbb{Q}xf5\#$
but 1... $\mathbb{Q}a6!$ 1. $\mathbb{Q}e6?$ [2. $\mathbb{Q}f4\#$]
1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xf3\#$
1... $\mathbb{Q}f5+$ 2. $\mathbb{Q}xf5\#$
but 1... $\mathbb{Q}xe6!$ 1. $\mathbb{Q}ed3?$ [2. $\mathbb{Q}xd4/\mathbb{Q}e5\#$]
1... $\mathbb{Q}f5+$ 2. $\mathbb{Q}xf5\#$
but 1... $\mathbb{Q}a6!$ 1. $\mathbb{Q}xf3?/\mathbb{Q}c4?/\mathbb{Q}d7?/\mathbb{Q}f7?$
[2. $\mathbb{Q}e5\#$]
1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd4\#$
1... $\mathbb{Q}f5+$ 2. $\mathbb{Q}xf5\#$
but 1... $\mathbb{Q}a6!$ 1. $\mathbb{Q}g4?$ [2. $\mathbb{Q}e5/\mathbb{Q}f5\#$] $\mathbb{Q}a6!$ **1. $\mathbb{Q}c6!$** [2. $\mathbb{Q}e5\#$]
1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd4\#$
1... $\mathbb{Q}f5+$ 2. $\mathbb{Q}xf5\#$

A051



#2

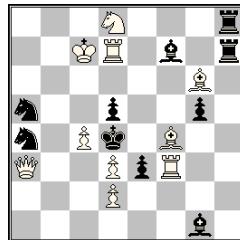
(10+10)

1. $\mathbb{Q}d\sim?$ [2. $\mathbb{Q}f6\#$]
but 1... $\mathbb{Q}xd5!$

1. $\mathbb{Q}xc4?$ [2. $\mathbb{Q}f6\#$]
but 1... $\mathbb{Q}xa6!$

1. $\mathbb{Q}b7!$ [2. $\mathbb{Q}f6\#$]
1... $\mathbb{Q}g4$ 2. $\mathbb{Q}3xg4\#$
1... $\mathbb{Q}b2$ 2. $\mathbb{Q}e3\#$
1... $\mathbb{Q}xd3$ 2. $\mathbb{Q}xc1\#$
1... $\mathbb{Q}xa6$ 2. $\mathbb{Q}xc4\#$
1... $\mathbb{Q}f7$ 2. $\mathbb{Q}xg6\#$
1... $d6-dxc6$ 2. $\mathbb{Q}e6\#$

A052



#2

(10+10)

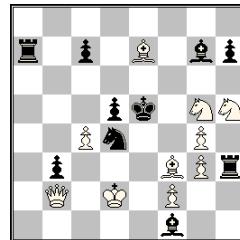
1... $\mathbb{Q}xg6$ 2. $\mathbb{Q}e6\#$ ($\mathbb{Q}xd5?$)
1... $\mathbb{Q}h2$ 2. $dxe3\#$

1. $\mathbb{Q}d6?$ [2. $\mathbb{Q}e5\#$]
1... $\mathbb{Q}xg6$ 2. $\mathbb{Q}xd5\#$
1... $\mathbb{Q}h2$ 2. $\mathbb{Q}xe3\#$
1... $gx f4$ 2. $\mathbb{Q}xf4\#$
1... $\mathbb{Q}xc4/\mathbb{Q}c6$ 2. $\mathbb{Q}c6\#$
but 1... $\mathbb{Q}e8!$

1. $\mathbb{Q}e7!$ [2. $\mathbb{Q}e5\#$]
1... $\mathbb{Q}xg6$ 2. $\mathbb{Q}xd5\#$
1... $\mathbb{Q}h2$ 2. $\mathbb{Q}xe3\#$ ($\mathbb{Q}xe3?$)
1... $\mathbb{Q}e6$ 2. $\mathbb{Q}xe6\#$
1... $gx f4$ 2. $\mathbb{Q}xf4\#$
1... $\mathbb{Q}xc4/\mathbb{Q}c6$ 2. $\mathbb{Q}c6\#$

Zagorukio, dual avoidance,
theme is expressed twice

A053



#2

(10+10)

1. $\mathbb{Q}c5?$ [2. $\mathbb{Q}xd4\#$] $\mathbb{Q}a2!$ pin
1. $\mathbb{Q}e3?$ [2. $\mathbb{Q}xd4\#$] $c5!$

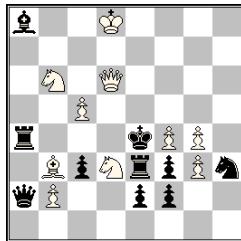
1. $cxd5?$ [2. $\mathbb{Q}f7\#$] $\mathbb{Q}h6!$ pin
1. $\mathbb{Q}f4?$ [2. $\mathbb{Q}f7\#$] $\mathbb{Q}xg3!$

1. $\mathbb{Q}h1?$ [2. $f4\#$] $\mathbb{Q}h2!$ pin
1. $\mathbb{Q}e2?$ [2. $f4\#$] $dxc4!$

1. $\mathbb{Q}g2!$ [2. $f4\#$]

Three pin lines of thematic
play

A054



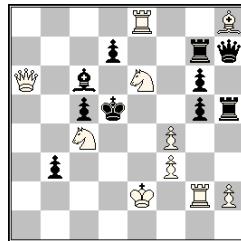
#2

(10+10)

1.bxc3? [2. $\mathbb{W}g6\#$ A]1... $\mathbb{B}d4 \times$ 2. $\mathbb{W}xd4\#$ 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf2\#$ but 1... $\mathbb{B}xd3!$ y1. $\mathbb{Q}c1?$ [2. $\mathbb{W}e5\#$ B]1... $\mathbb{B}d3$ y 2. $\mathbb{W}xd3\#$ 1... $\mathbb{Q}xf4$ 2. $\mathbb{W}xf4\#$ but 1... $\mathbb{B}d4!$ x**1. $\mathbb{Q}d7!$ [2. $\mathbb{W}f6\#$]**1... $\mathbb{B}d4 \times$ 2. $\mathbb{W}g6\#$ A1... $\mathbb{B}xd3$ y 2. $\mathbb{W}e5\#$ B1... $\mathbb{B}d5$ 2. $\mathbb{W}xd5\#$

Hannelius with changed
mates and change of mate
after 1... $\mathbb{Q}xf4$
Change of defensive motive
from pinning in the tries
(both in variations and
refutations) to release of a
square for the B \diamond in the
solution; and change of
harmful effect of the
defences from sacrifice in the
tries to self-blocks in the
solution

A055



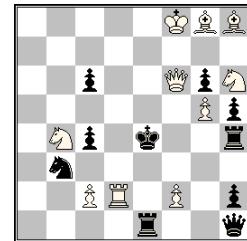
#2

(10+10)

1... $\mathbb{B}h\sim$ 2. $\mathbb{B}xg5\#$ A(1... $\mathbb{B}xh2!$ x)1... $\mathbb{B}\sim$ 2. $\mathbb{Q}e3\#$ B(1... $\mathbb{B}b5!$ y)1... $\mathbb{B}g\sim$ 2. $\mathbb{Q}c7\#$ C(1... $\mathbb{B}e7!$ z)**1. $\mathbb{Q}d1!$ [2. $\mathbb{B}d2\#$]**1... $\mathbb{B}xh2$ x 2. $\mathbb{B}xg5\#$ A1... $\mathbb{B}b5$ y 2. $\mathbb{Q}e3\#$ B1... $\mathbb{B}e7$ z 2. $\mathbb{Q}c7\#$ C1. $\mathbb{B}f1?$ [2. $\mathbb{B}d2\#$] $\mathbb{B}b5!$ y1. $\mathbb{B}e1?$ [2. $\mathbb{B}d2\#$] $\mathbb{B}e7!$ z

Triple secondary
Dombrovskis with pinning on
3 lines

A056

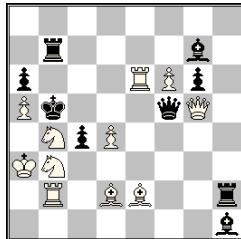


#2

(10+10)

1. $\mathbb{Q}d3?$ [2. $\mathbb{W}xc6\#$ A]1... $\mathbb{B}f4 \times$ 2. $\mathbb{W}xf4\#$ C1... $\mathbb{Q}d4/\mathbb{Q}a5$ 2. $\mathbb{Q}c5\#$ 1... $\mathbb{B}xd3$ 2. $\mathbb{B}xd3\#$ but 1... $\mathbb{B}f3!$ y1. $\mathbb{B}d3?$ [2. $\mathbb{W}e5\#$ B]1... $\mathbb{B}f3$ y 2. $\mathbb{W}xf3\#$ D1... $\mathbb{B}e3$ 2. $\mathbb{B}xe3\#$ 1... $\mathbb{B}xd3$ 2. $\mathbb{B}xd3\#$ but 1... $\mathbb{B}f4!$ x1. $\mathbb{B}h7?$ [2. $\mathbb{B}xg6\#$]but 1... $\mathbb{B}f4!$ x, $\mathbb{B}f3!$ y**1. $\mathbb{Q}f7!$ [2. $\mathbb{B}xg6\#$]**1... $\mathbb{B}f4 \times$ 2. $\mathbb{W}xc6\#$ A1... $\mathbb{B}f3$ y 2. $\mathbb{W}e5\#$ B1... $\mathbb{Q}d4$ 2. $\mathbb{B}xd4\#$

A057



‡2

(11+9)

1. $\mathbb{Q}3 \sim [2. \mathbb{Q}4 \sim \#] \mathbb{Q}f8!$ 1. $\mathbb{Q}c5?$ [2. $\mathbb{Q}4 \sim \#]$ 1... $\mathbb{W}b1$ 2. $\mathbb{Q}e4\#$ 1... $\mathbb{W}xc5$ 2. $\mathbb{W}xc5\#$ but 1... $\mathbb{W}xe6!$ 1. $\mathbb{Q}4 \sim [2. \mathbb{Q}3 \sim \#] \mathbb{W}h3!$ **1. $\mathbb{Q}d3!$ [2. $\mathbb{Q}a1/\mathbb{Q}c7/\mathbb{Q}c5\#]$** 1... $c3/cxb3$ 2. $\mathbb{Q}f2\#$ 1... $cx d3$ 2. $\mathbb{Q}xd3\#$ 1... $\mathbb{Q}f8 +$ 2. $\mathbb{Q}c5\#$

Thematic pin refutations

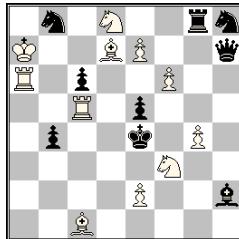
Dentist theme after 1. $\mathbb{Q}c5?$ (unpins the black Queen) $\mathbb{W}b1$ 2. $\mathbb{Q}e4\#$ (the same piece mates)

Chernet theme - a try and the key are made by the same piece which sacrifices on two different squares. The try is not refuted by the capture of the key piece

Anderssen theme after

1. $\mathbb{Q}d3!$ $cxb3$ 2. $\mathbb{Q}f2\#$

A058

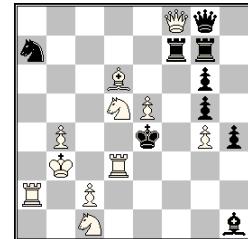


‡2

(11+9)

1. $\mathbb{Q}aa5?$ [2. $\mathbb{Q}c4\#] \mathbb{Q}g1!$ 1. $\mathbb{Q}a4?$ [2. $\mathbb{Q}xb4\#] \mathbb{Q}g1!$ 1. $\mathbb{Q}b7?$ [2. $\mathbb{Q}d6\#]$ 1... $\mathbb{W}xe7$ 2. $\mathbb{Q}f5\#$ but 1... $\mathbb{Q}f7!$ **1. $\mathbb{Q}b6!$ [2. $\mathbb{Q}xb4\#]$** 1... $\mathbb{Q}g1$ 2. $\mathbb{Q}xe5\#$ 1... $\mathbb{W}f7$ 2. $\mathbb{Q}f5\#$ 1... $\mathbb{Q}a6$ 2. $\mathbb{Q}xc6\#$

A059

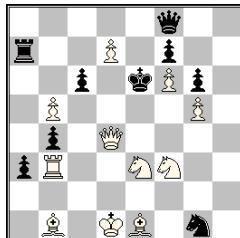


‡2

(11+9)

1. $e6?$ [2. $\mathbb{Q}c3\#$ **A**]1... $\mathbb{Q}c7$ **a** 2. $\mathbb{Q}f6\#$ but 1... $\mathbb{Q}b5!$ 1. $\mathbb{Q}c4?$ [2. $\mathbb{Q}e3\#]$ 1... $\mathbb{Q}f3$ **b** 2. $\mathbb{Q}d4\#$ **B**but 1... $\mathbb{Q}c7 +$ **a**1. $\mathbb{Q}e2?$ [2. $\mathbb{Q}dc3\#$ **A**/ $\mathbb{Q}ec3\#$]1... $\mathbb{Q}c7$ **a** 2. $\mathbb{Q}d4\#$ **B**but 1... $\mathbb{Q}b5!$ 1. $c4?$ [2. $\mathbb{Q}e2\#]$ 1... $\mathbb{Q}f3$ **b** 2. $\mathbb{Q}c3\#$ **A**1... $\mathbb{Q}f2$ 2. $\mathbb{Q}c3\#$ **A**but 1... $\mathbb{Q}f3!$ **1. $c3!$ [2. $\mathbb{Q}e2\#]$** 1... $\mathbb{Q}f3$ **b** 2. $\mathbb{Q}d4\#$ **B**1... $\mathbb{Q}f2$ 2. $\mathbb{Q}d4\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}d4\#$

A060

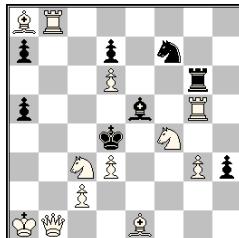


#2

(11+9)

1. $\mathbb{Q}g3?$ [2. $\mathbb{Q}g4\#$] $\mathbb{Q}xd7!$ 1. $\mathbb{Q}g2?$ [2. $\mathbb{Q}f4\#/\mathbb{Q}e3\#]$ but 1... $\mathbb{Q}d6!$, $\mathbb{Q}b8!$ 1. $\mathbb{Q}d3?$ [2. $\mathbb{Q}c4\#/\mathbb{Q}e4\#/\mathbb{Q}g4\#/\mathbb{Q}e5\#] \mathbb{Q}xf3!$ 1. $\mathbb{Q}d3!$ [2. $\mathbb{Q}c4\#$]1... $\mathbb{Q}xd7$ 2. $\mathbb{Q}e5\#$ 1... $\mathbb{Q}d6$ 2. $\mathbb{Q}g4\#$ 1... cxb5 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}c5$ 2. $d8\mathbb{Q}\#$

A061



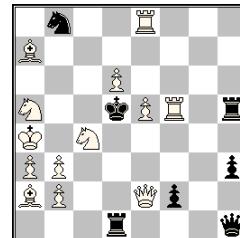
#2

(12+8)

1... $a6$ 2. $\mathbb{Q}b6\#$ 1. $\mathbb{Q}b7?$ [2. $\mathbb{Q}xa7\#$]1... $\mathbb{Q}e3$ 2. $\mathbb{Q}e4\#$ 1... $\mathbb{Q}c5$ 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}e4\#$ but 1... $\mathbb{Q}xd6!$ 1. $\mathbb{Q}b4?$ 1... $\mathbb{Q}e3$ 2. $\mathbb{Q}e4\#$ (2. $\mathbb{Q}d1?$, 2. $\mathbb{Q}g2?$)but 1... $\text{axb4}!$ 1. $\mathbb{Q}b2!$ [2. $\mathbb{Q}f2\#$]1... $\mathbb{Q}e3$ 2. $\mathbb{Q}d1\#$ (2. $\mathbb{Q}cd5?$)1... $\mathbb{Q}c5$ 2. $\mathbb{Q}e4\#$ (2. $\mathbb{Q}a4?$)1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}d1\#$

Changed mate

A062



#2

(13+7)

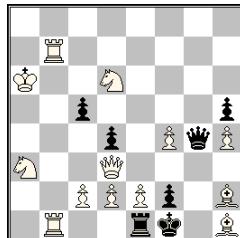
1. $\mathbb{Q}e3?$ [2. $\mathbb{Q}b6\#$ **A**]1... $\mathbb{Q}d4$ 2. $\mathbb{Q}xd4\#$ 1... $\mathbb{Q}e4$ 2. $\mathbb{Q}c5\#$ (1... $\mathbb{Q}h4$ 2. $e6\#$)but 1... $\mathbb{Q}d7!$ 1. $\mathbb{Q}f4?$ [2. $\mathbb{Q}e3\#$ **B**]1... $\mathbb{Q}d4$ 2. $\mathbb{Q}xd4\#$ 1... $\mathbb{Q}e4$ 2. $\mathbb{Q}xe4\#$ (1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd3\#$)1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}xe5\#/\mathbb{Q}xe5\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}xf3\#$)but 1... $f1\mathbb{Q}!$ 1. **b4!** [2. $\mathbb{Q}d2\#$]1... $\mathbb{Q}d4$ 2. $\mathbb{Q}b6\#$ **A**1... $\mathbb{Q}e4$ 2. $\mathbb{Q}e3\#$ **B**(1... $\mathbb{Q}a1$ $\mathbb{Q}c1$ $\mathbb{Q}d3$)2. $\mathbb{Q}xd3\#$ 1... $\mathbb{Q}h4$ 2. $e6\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}xf3\#$)

Zagoruko 3x2 with Dombrovskis paradox after defences in which:

1) defensive motif is changed from pinning in the tries to direct guard in the solution;

2) harmful effect of the defences is changed from sacrifice or selfblock in the tries to Somov self-block in the solution

A063



‡2

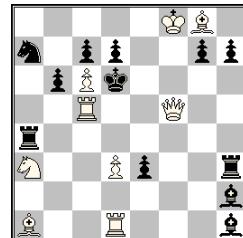
(13+7)

1.c4? Z (anticipatory unpin)
 1... $\mathbb{Q}xe2$ 2. $\mathbb{Q}h3\#$
 1... $\mathbb{Q}g3/\mathbb{Q}h3$ 2.e3#
 1... $\mathbb{Q}f5/\mathbb{Q}g6$ 2.e4#
 1... $\mathbb{Q}f3$ 2.exf3#
 1... $\mathbb{Q}xb1$ 2. $\mathbb{Q}xb1\#$
 1... $\mathbb{Q}c1$ 2. $\mathbb{Q}xc1\#$
 1... $\mathbb{Q}d1$ 2. $\mathbb{Q}xd1\#$
 1... $\mathbb{Q}g1/\mathbb{Q}g2/\mathbb{Q}xf4/\mathbb{Q}xh4/$
 $\mathbb{Q}g5/\mathbb{Q}e6/\mathbb{Q}d7/\mathbb{Q}g7/\mathbb{Q}c8/$
 $\mathbb{Q}g8$ 2.e3#/e4#
 but 1...dxc3 e.p.!

1. $\mathbb{Q}a5/\mathbb{Q}a5?$ Z
 1... $\mathbb{Q}xe2$ 2. $\mathbb{Q}h3\#$
 1... $\mathbb{Q}g3/\mathbb{Q}h3$ 2.e3#
 1... $\mathbb{Q}f5/\mathbb{Q}g6$ 2.e4#
 1... $\mathbb{Q}f3$ 2.exf3#
 1... $\mathbb{Q}xb1$ 2. $\mathbb{Q}xb1\#$
 1... $\mathbb{Q}c1$ 2. $\mathbb{Q}xc1\#$
 1... $\mathbb{Q}d1$ 2. $\mathbb{Q}xd1\#$
 1... $\mathbb{Q}g1/\mathbb{Q}g2/\mathbb{Q}xf4/\mathbb{Q}xh4/$
 $\mathbb{Q}g5/\mathbb{Q}e6/\mathbb{Q}d7/\mathbb{Q}g7/\mathbb{Q}c8/$
 $\mathbb{Q}g8$ 2.e3#/e4#
 but 1...c4!

1. $\mathbb{Q}ac4!$ Z (anticipatory unpin)
 1... $\mathbb{Q}xe2$ 2. $\mathbb{Q}h3\#$
 1... $\mathbb{Q}g3/\mathbb{Q}h3$ 2.e3#
 1... $\mathbb{Q}f5/\mathbb{Q}g6$ 2.e4#
 1... $\mathbb{Q}f3$ 2.exf3#

A064



‡2

(9+12)

1... $\mathbb{Q}xb1$ 2. $\mathbb{Q}xb1\#$
 1... $\mathbb{Q}c1$ 2. $\mathbb{Q}xc1\#$
 1... $\mathbb{Q}d1$ 2. $\mathbb{Q}xd1\#$
 1... $\mathbb{Q}g1/\mathbb{Q}g2/\mathbb{Q}xf4/\mathbb{Q}xh4/$
 $\mathbb{Q}g5/\mathbb{Q}e6/\mathbb{Q}d7/\mathbb{Q}g7/\mathbb{Q}c8/$
 $\mathbb{Q}g8$ 2.e3#/e4#
 but 1...dxc3 e.p.!

3/4 Albino (2.e3, 2.e4, 2.exf3), en passant capture

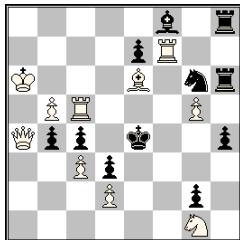
1. $\mathbb{Q}dc1?$ [2. $\mathbb{Q}xd7\#$ **E**]
 1... $\mathbb{Q}f3$ **a** 2. $\mathbb{Q}d5\#$ **C**
 1... $\mathbb{Q}f4$ **b** 2. $\mathbb{Q}e5\#$ **D**
 1...dxc6 2. $\mathbb{Q}e6\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$
 but 1... $\mathbb{Q}xc6!$

1. $\mathbb{Q}e8!$ [2. $\mathbb{Q}f8\#$]
 1... $\mathbb{Q}f3$ **a** 2. $\mathbb{Q}d5\#$ **A**
 1... $\mathbb{Q}f4$ **b** 2. $\mathbb{Q}e5\#$ **B**
 1...bxc5 2. $\mathbb{Q}xd7\#$ **E**
 1... $\mathbb{Q}e4+$ 2.dxe4#

Change of 2 mates on the same squares by different pieces

Change of defence motives (pin - direct guarding) with the same harmful motive (interference)

A065



#2

(10+11)

1... ♜e5 **a** 2. ♜d5# **A**?
1... ♜f4 **b** 2. ♜f5# **B**?

1. ♜f3? [2. ♜f5# **B**]
1... ♜f4 **b** 2. ♜e3# **C**
1... bxc3 2. ♜xc4#
but 1... ♜e5! **a**

1. ♜cf5? [2. ♜d5# **A**]
1... ♜e5 **a** 2. ♜f4# **D**
1... bxc3 2. ♜xc4#
but 1... ♜f4! **b**

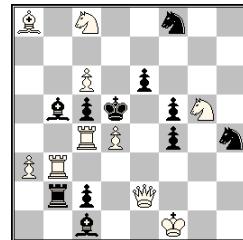
1. ♜ff5? [2. ♜xc4#]
(not 2. ♜d5? **A**)
1... ♜e5 **a** 2. ♜cxe5# **E**
but 1... ♜g7!

1. ♜h3? [2. ♜f2#]
(not 2. ♜f5? **B**)
1... ♜f4 **b** 2. ♜7xf4# **F**
1... bxc3 2. ♜xc4#
but 1... g1 ♜/ ♜!

1. ♜d1? [2. ♜e1# **G**/2. ♜f3# **H**]
1... ♜e5 **a** 2. ♜e1# **G**
1... ♜f4 **b** 2. ♜f3# **H**
but 1... bxc3!

1.b6! [2. ♜c6#]
1... ♜e5 **a** 2. ♜d5# **A**
1... ♜f4 **b** 2. ♜f5# **B**
1... bxc3 2. ♜xc4#

A066



#2

(10+11)

1. ♜d3? [2. ♜xc5# **B**]
1... ♜xc4 **a** 2. c7#
1... cxd4 **b** 2. ♜xd4#

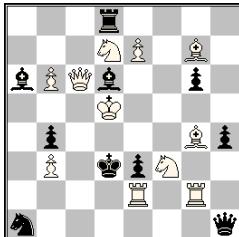
but 1... ♜d7!

1. ♜bc3? [2. ♜e5# **A**]
1... ♜xc4 **a** 2. ♜xc4#
1... cxd4 **b** 2. ♜c5#
1... ♜hg6 2. ♜f3#
1... ♜fg6 2. ♜xe6#
but 1... ♜e3!

1. ♜d3! [2. ♜xc5# **B**]
1... ♜xc4 2. ♜e5# **A**
1... cxd4 2. ♜dxd4#
1... ♜xc4 2. ♜b6#
1... ♜d7 2. ♜xe6#

Zagoruko with twofold Dombrovskis paradox and Pseudo-le-Grand, Bikos, flightgiving key

A067



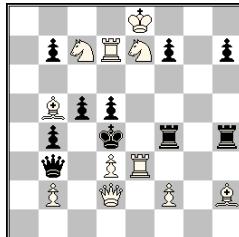
#2

(11+10)

- 1... $\mathbb{Q}c5$ 2. $\mathbb{W}xg6\#$
 (2. $\mathbb{Q}dxc5?$, 2. $\mathbb{Q}e5?$)
 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}fxe5\#$
 (2. $\mathbb{Q}dxe5?$,
 2. $\mathbb{W}xg6?$)
 1... $\mathbb{Q}b7$ 2. $\mathbb{W}c4?$
 1... $\mathbb{W}g2$ 2. $\mathbb{Q}e1?$
- 1. $\mathbb{Q}e6!$ [2. $\mathbb{W}d5\#$]**
 1... $\mathbb{Q}c5$ 2. $\mathbb{Q}xc5\#$
 (2. $\mathbb{Q}de5?$, 2. $\mathbb{W}xg6?$)
 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}dxe5\#$
 (2. $\mathbb{Q}c5?$, 2. $\mathbb{Q}fxe5?$)
 1... $\mathbb{Q}b7$ 2. $\mathbb{W}c4?$
 1... $\mathbb{W}xg2$ 2. $\mathbb{Q}e1\#$
 1... $\mathbb{W}xb3$ 2. $\mathbb{Q}c2$ 2. $\mathbb{W}c2\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{W}xc4\#$

Quadruple anticipatory self-unpin (2+2). Java theme with changed mates. Mating pieces from the set play perform additional thematic mates in the solution

A068



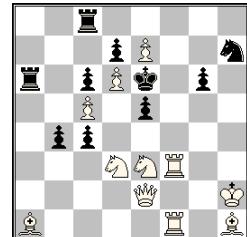
#2

(11+10)

1. $\mathbb{Q}a6?$ [2. $\mathbb{Q}b5\#$]
 1... $\mathbb{W}xd3$ 2. $\mathbb{Q}xd5\#/\mathbb{W}xd3\#$
 1... $\mathbb{W}c4$ 2. $\mathbb{Q}dc4\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xd5\#$
 1... $\mathbb{W}bx6$ 2. $\mathbb{Q}c6\#$
 but 1... $\mathbb{W}a4!$
- 1. $\mathbb{Q}c6?$ [2. $\mathbb{Q}b5\#$]**
 1... $\mathbb{W}xd3$ 2. $\mathbb{Q}xd3\#$
1... $\mathbb{W}a4$ 2. $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xd5\#$
 1... $\mathbb{W}bcx6$ 2. $\mathbb{Q}xc6\#$
 but 1... $\mathbb{W}c4!$
- 1. $\mathbb{Q}e1?$ / $\mathbb{Q}e2?$ [2. $\mathbb{W}e3\#$]**
 1... $\mathbb{W}f3$ 2. $\mathbb{Q}e5\#$
 1... $\mathbb{W}h3$ 2. $\mathbb{Q}xf4\#$
 1... $\mathbb{W}xb2$ 2. $\mathbb{Q}xd5\#/\mathbb{W}xb2\#$
 1... $\mathbb{W}xd3$ 2. $\mathbb{Q}xd5\#/\mathbb{W}xd3\#$
 but 1... $\mathbb{Q}e4!$
- 1. $\mathbb{Q}e6!$ [2. $\mathbb{W}e3\#$]**
 1... $\mathbb{W}f3$ 2. $\mathbb{Q}e5\#$
1... $\mathbb{Q}e4$ 2. $\mathbb{Q}f5\#$
 1... $\mathbb{W}h3$ 2. $\mathbb{Q}xf4\#$
 1... $\mathbb{W}xb2$ 2. $\mathbb{Q}xd5\#/\mathbb{W}xb2\#$
 1... $\mathbb{W}xd3$ 2. $\mathbb{Q}xd5\#/\mathbb{W}xd3\#$

Two thematic pin-lines

A069



#2

(11+10)

Tries refuted by pinning W \mathbb{W} :

1. $\mathbb{Q}f7?$ [2. $\mathbb{W}g4\#$] $\mathbb{Q}a2!$
 1. $\mathbb{Q}d\sim?$ [2. $\mathbb{W}xc4\#$] $\mathbb{Q}a2!$
 1. $\mathbb{Q}e\sim?$ [2. $\mathbb{W}xe5\#$] $\mathbb{Q}a2!$
 1. $\mathbb{W}c2?$ [2. $\mathbb{W}xc4\#$] $\mathbb{Q}a2!$
 1. $\mathbb{W}b2?$ [2. $\mathbb{W}xe5\#$] $\mathbb{Q}a2!$

Tries/solution with anticipatory unpin:

1. $\mathbb{Q}3f2?$ [2. $\mathbb{W}g4\#$] $\mathbb{Q}f8!$

1. $\mathbb{Q}f2?$ [2. $\mathbb{W}xc4\#$]
 but 1... $\mathbb{Q}f6!$ **a** guard

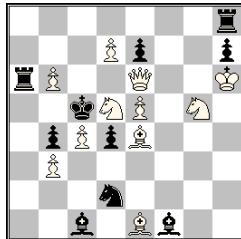
1. $\mathbb{Q}b2?$ [2. $\mathbb{W}xc4\#$] **e4!** **b**

1. $\mathbb{Q}g2?$ [2. $\mathbb{W}xe5\#$]
 but 1... $\mathbb{Q}f6!$ **a** interference

1. $\mathbb{Q}c2!$ [2. $\mathbb{W}xe5\#$]
 1... $\mathbb{Q}f6$ **a** 2. $\mathbb{Q}xf6\#$
 1... **e4** **b** 2. $\mathbb{W}xe4\#$
 1... $\mathbb{Q}d5$ 2. $\mathbb{W}xe5\#$

White correction
Flight giving key

A070



‡2

(11+10)

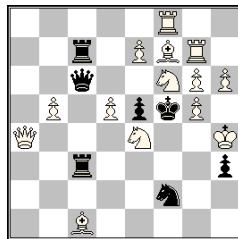
1... $\mathbb{Q}xe4$ a 2. $\mathbb{Q}xb4\#$ **A**
 1... $\mathbb{Q}xb6$ b 2. $\mathbb{Q}xb6\#$ **B**

1. $\mathbb{Q}f4?$ [2. $\mathbb{Q}c6\#$]
 1... $\mathbb{Q}xe4$ a 2. $\mathbb{Q}xe4\#$ **C**
 but 1... $\mathbb{Q}xb6!$

1. $\mathbb{Q}c3?$ [2. $\mathbb{Q}c6\#$]
 1... $\mathbb{Q}xe4$ a 2. $\mathbb{Q}cxe4\#$ **D**
 1... $\mathbb{Q}xb6$ b 2. $\mathbb{Q}a4\#$ **E**
 but 1... $bxc3!$

1. $\mathbb{Q}f6!$ [2. $\mathbb{Q}c6\#$]
 1... $\mathbb{Q}xe4$ a 2. $\mathbb{Q}fxe4\#$ **F**
 1... $\mathbb{Q}xb6$ b 2. $\mathbb{Q}d5\#$ **G**

A071



‡2

(14+7)

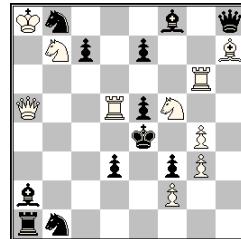
1. $\mathbb{Q}c2?$ [2. $\mathbb{Q}d6\#$ **A**,
 2. $\mathbb{Q}g3\#$ **B**]
 1... $\mathbb{Q}c4$ a 2. $\mathbb{Q}e6\#$ **C**
 1... $\mathbb{Q}c4$ b 2. $\mathbb{Q}xf2\#$
 but 1... $\mathbb{Q}e3!$

1. $\mathbb{Q}e8?$ [2. $\mathbb{Q}e6\#$ **C**]
 1... $\mathbb{Q}c4$ a 2. $\mathbb{Q}8d6\#$
 but 1... $\mathbb{Q}c4! b$
 1. $\mathbb{Q}h5?$ [2. $\mathbb{Q}e6\#$ **C**]
 1... $\mathbb{Q}c4$ b 2. $\mathbb{Q}hg3\#$
 but 1... $\mathbb{Q}c4! a$

1. $\mathbb{Q}g4!$ [2. $\mathbb{Q}e6\#$ **C**]
 1... $\mathbb{Q}c4$ a 2. $\mathbb{Q}d6\#$ **A**
 1... $\mathbb{Q}c4$ b 2. $\mathbb{Q}g3\#$ **B**
 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5\#$

Anticipatory unpin of Se4
 (2 variations)
 Mochalkin combination
 Rudenko theme
 Exchange of defences and
 refutations
 Zatoruiko 3x2 in 4 phases

A072



‡2

(10+12)

1. $\mathbb{Q}gd6?$ [2. $\mathbb{Q}e1\#$ **A**,
 2. $\mathbb{Q}c5\#$ **B**] (2. $\mathbb{Q}fd6?$)
 1... $e(c)xd6$ 2. $\mathbb{Q}fxd6\#$ **C**
 but 1... $\mathbb{Q}xd5!$ **A**
 (2. $\mathbb{Q}e1$, $\mathbb{Q}c5?$ – pin)

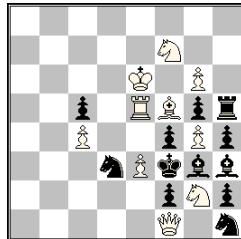
1. $\mathbb{Q}g8?$ [2. $\mathbb{Q}e1\#$ **A**,
 2. $\mathbb{Q}c5\#$ **B**]
 1... $\mathbb{Q}xd5$ a 2. $\mathbb{Q}xd5\#$
 (2. $\mathbb{Q}e1$, $\mathbb{Q}c5?$ – pin)
 1... $\mathbb{Q}xg8$ 2. $\mathbb{Q}xe5\#$
 but 1... $e6!$

1. $\mathbb{Q}a6?$ [2. $\mathbb{Q}fd6\#$]
 1... $\mathbb{Q}xd5$ a 2. $\mathbb{Q}e1\#$ **A**
 (2. $\mathbb{Q}c5?$ – pin)
 1... $\mathbb{Q}xh7$ 2. $\mathbb{Q}xe5\#$
 but 1... $c5!$

1. $\mathbb{Q}c6!$ [2. $\mathbb{Q}fd6\#$]
 1... $\mathbb{Q}xd5$ a 2. $\mathbb{Q}c5\#$ **B**
 (2. $\mathbb{Q}e1?$ – pin)
 1... $\mathbb{Q}xh7$ 2. $\mathbb{Q}xe5\#$

Choice of anticipatory unpin
 of $\mathbb{Q}a5$ or $\mathbb{Q}b7$
 Changed mates 3x1
 Dombrovskis with double
 threat
 Pseudo Burmistrov
 combination

A073



#2

(10+12)

Incomplete block:

1... $\mathbb{Q} \sim 2. \mathbb{Q} xg5\#$
 1... $f \times e3$ 2. $\mathbb{Q} xe3\#$
 1... $\mathbb{Q} xg2$ 2. $\mathbb{Q} d1\#$
 1... $\mathbb{Q} d \sim 2. \mathbb{Q} e1\#$
 1... $\mathbb{Q} xe5$ 2. $\mathbb{Q} xe5\#$
 but 1... $\mathbb{Q} xg4!$
 (2. $\mathbb{Q} e4?$ - pin of $\mathbb{Q} f5$)

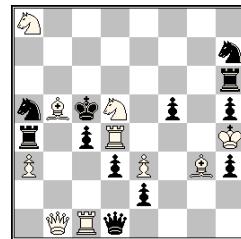
1. $\mathbb{Q} d5?$ Z
 1... $\mathbb{Q} xg4$ 2. $\mathbb{Q} e4\#$
 but 1... $\mathbb{Q} b4!$

1. $\mathbb{Q} e7?$ Z
 1... $\mathbb{Q} xg4$ 2. $\mathbb{Q} e4\#$
 but 1... $\mathbb{Q} h7!$
 (2. $\mathbb{Q} xg5?$ - pin of $\mathbb{Q} f7$)

1. $\mathbb{Q} d6?$ Z
 1... $\mathbb{Q} xg4$ 2. $\mathbb{Q} e4\#$
 but 1... $f \times e3!$
 (2. $\mathbb{Q} xe3?$ - pin of $\mathbb{Q} e5$)

1. $\mathbb{Q} f6!$ Z
 1... $\mathbb{Q} xg4$ 2. $\mathbb{Q} e4\#$
 1... $\mathbb{Q} \sim 2. \mathbb{Q} xg5\#$
 1... $f \times e3$ 2. $\mathbb{Q} xe3\#$
 1... $\mathbb{Q} xg2$ 2. $\mathbb{Q} d1\#$
 1... $\mathbb{Q} d \sim 2. \mathbb{Q} e1\#$
 1... $\mathbb{Q} xe5$ 2. $\mathbb{Q} xe5\#$

A074



#2

(10+12)

Initially $\mathbb{Q} f5$, $\mathbb{Q} f7$ and $\mathbb{Q} e5$ are not pinned. Tries $\mathbb{Q} e7$ and $\mathbb{Q} d6$ show anticipatory unpin of $\mathbb{Q} f5$ (theme) and anticipatory pin of $\mathbb{Q} f7$ or $\mathbb{Q} e5$ (anti-theme). Key $\mathbb{Q} f6$ ensures that $\mathbb{Q} f5$, $\mathbb{Q} f7$ and $\mathbb{Q} e5$ are not pinned later in order to provide a mate.

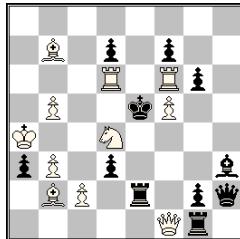
1. $\mathbb{Q} b4?$ [2. $\mathbb{Q} d5\#$]
 1... $\mathbb{Q} h1$ 2. $\mathbb{Q} bxd3\#$
 1... $\mathbb{Q} f6$ 2. $\mathbb{Q} a6\#$
 (1... $\mathbb{Q} xb4$ 2. $\mathbb{Q} xb4\#$)
 but 1... $\mathbb{Q} d6!$

1. $\mathbb{Q} f4?$ [2. $\mathbb{Q} d5\#$]
 1... $\mathbb{Q} h1$ 2. $\mathbb{Q} fxd3\#$
 1... $\mathbb{Q} f6$ 2. $\mathbb{Q} e6\#$
 but 1... $\mathbb{Q} d6!$

1. $\mathbb{Q} c3!$ [2. $\mathbb{Q} d5\#$]
 1... $\mathbb{Q} h1$ 2. $\mathbb{Q} xa4\#$
 1... $\mathbb{Q} f6$ 2. $\mathbb{Q} d6\#$
 (1... $\mathbb{Q} d6$ 2. $\mathbb{Q} xd6\#$)

Zagoruko 3x2
 The keys of tries and solution are thematic

A075



‡2

(11+11)

1. $\mathbb{Q}f3?$ [2. $\mathbb{Q}c6\#$ A]1... $\mathbb{Q}e4$ a 2. $\mathbb{Q}xe4\#$ 1... $\mathbb{Q}f4$ b 2. $\mathbb{Q}d5\#$

but 1...axb2!

1. $f6g6?$ [2. $\mathbb{Q}f3\#$ B]1... $\mathbb{Q}e4$ a 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}f4$ b 2. $\mathbb{Q}xf4\#$ 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}xf5\#$ but 1... $\mathbb{Q}e6!$ 1. $\mathbb{Q}xa3!$ [2. $\mathbb{Q}xe2\#$]1... $\mathbb{Q}e4$ a 2. $\mathbb{Q}c6\#$ A1... $\mathbb{Q}f4$ b 2. $\mathbb{Q}f3\#$ B1... $\mathbb{Q}xc2$ 2. $\mathbb{Q}xc2\#$

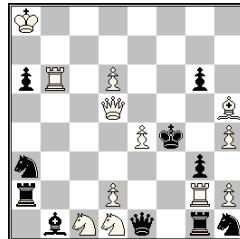
Three-phase change of mates after two defenses

Dombrovskis-Hannelius in the form of defenses

Bikos theme in the tries

Theme B2

A076

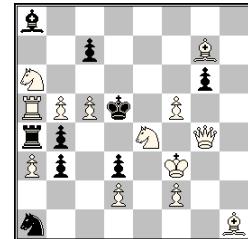


‡2

(12+10)

1. $d3?$ [2. $\mathbb{Q}g5\#$]1... $\mathbb{Q}xd3$ 2. $\mathbb{Q}xd3\#$ 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}xe4\#$ 1... $gxh5$ 2. $\mathbb{Q}f5\#$ but 1... $\mathbb{Q}a5!$ 1. $\mathbb{Q}e2?$ [2. $\mathbb{Q}g5\#$]1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}xe4\#$ 1... $\mathbb{Q}xe2$ 2. $\mathbb{Q}xe2\#$ 1... $gxh5$ 2. $\mathbb{Q}f5\#$ but 1... $gxh2!$ 1. $\mathbb{Q}b4?$ [2. $\mathbb{Q}g5\#$]1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}d3\#$ 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}e2\#$ 1... $gxh5$ 2. $\mathbb{Q}f5\#$ but 1... $\mathbb{Q}c4!$ 1. $\mathbb{Q}b8?$ (2. $\mathbb{Q}f8\#$)but 1... $\mathbb{Q}xe4!$ / $\mathbb{Q}xe4!$ 1. $\mathbb{Q}b7!$ [2. $\mathbb{Q}f7\#$]1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}g5\#$ 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}g5\#$ 1... $gxh5$ 2. $\mathbb{Q}f5\#$ (1. $hxg3+$?)1... $\mathbb{Q}xg3$ 2. $\mathbb{Q}e2\#$ but 1... $\mathbb{Q}xg3!$)

A077



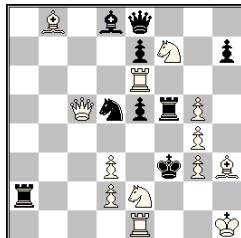
‡2

(13+9)

1... $bx a3$ 2. $\mathbb{Q}c3\#$ A1. $\mathbb{Q}d6?$ B[2. $\mathbb{Q}c4\#$ / $\mathbb{Q}d4\#$ / $\mathbb{Q}e4\#$ / $\mathbb{Q}e3\#$ / $\mathbb{Q}g3\#$ / $\mathbb{Q}f4\#$]but 1... $bx a3!$ 1. $\mathbb{Q}g5?$ C[2. $\mathbb{Q}d4\#$ / $\mathbb{Q}e4\#$ / $\mathbb{Q}e3\#$ / $\mathbb{Q}g3\#$]but 1... $bx a3!$ 1. $\mathbb{Q}xg6?$ [2. $\mathbb{Q}e6\#$ / $\mathbb{Q}f7\#$]but 1... $\mathbb{Q}c4!$ 1. $\mathbb{Q}b2?$ [2. $\mathbb{Q}f6\#$]1... $gx f5$ 2. $\mathbb{Q}g8\#$ but 1... $\mathbb{Q}c4!$ 1. $\mathbb{Q}g3!$ [2. $\mathbb{Q}c3\#$ A / $\mathbb{Q}g5\#$ B / $\mathbb{Q}d6\#$ C]1... $bx a3$ 2. $\mathbb{Q}c3\#$ A1... $\mathbb{Q}c4$ 2. $\mathbb{Q}d6\#$ B1... $gx f5$ 2. $\mathbb{Q}g5\#$ C

Fleck theme

A078

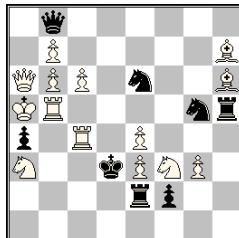


‡2

(13+9)

1. $\mathbb{Q}xe5?$ [2. $\mathbb{Q}g1\#$]1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}xe5\#$ but 1... $\mathbb{Q}f4!$ 1. $\mathbb{Q}g1?$ [2. $\mathbb{Q}f1\#$ 2. $\mathbb{Q}g2\#$]but 1... $\mathbb{Q}xd2!$ 1. $\mathbb{Q}g1?$ [2. $\mathbb{Q}f2\#$]but 1... $\mathbb{Q}b6!$ 1. $\mathbb{Q}h2?$ [2. $\mathbb{Q}g1\#$]but 1... $\mathbb{Q}xd2!$ 1. $\mathbb{Q}xe5?$ [2. $\mathbb{Q}f1\#$]but 1... $\mathbb{Q}a1!$ 1. $\mathbb{Q}h6?$ [2. $\mathbb{Q}g2\#$]but 1... $\mathbb{Q}h5!$ **1. $\mathbb{Q}d4!$ [2. $\mathbb{Q}g2\#$]**1... $\mathbb{Q}e3/\mathbb{Q}f4$ 2. $\mathbb{Q}e3\#$ 1... $e4$ 2. $\mathbb{Q}g1\#$ 1... $exd4$ 2. $\mathbb{Q}f1\#$ 1... $\mathbb{Q}f4$ 2. $\mathbb{Q}xe5\#$

A079

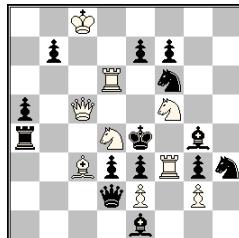


‡2

(14+8)

1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}c3\#$ 1. $\mathbb{Q}c1?$ [2. $\mathbb{Q}b3\#$]1... $\mathbb{Q}g\sim$ 2. $\mathbb{Q}b4\#$ 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}xh7$ 2. $\mathbb{Q}e5\#$ 1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}c3\#$ but 1... $\mathbb{Q}e5!$ **1. $\mathbb{Q}cc5!$ [2. $\mathbb{Q}b3\#$]**1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}b2\#$ 1... $\mathbb{Q}xh7$ 2. $\mathbb{Q}b4\#$ 1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}c3\#$

A080

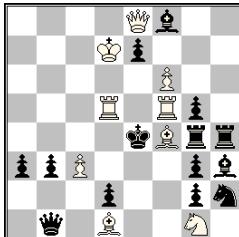


‡2

(9+14)

1. $\mathbb{Q}b5?$ [2. $\mathbb{Q}e5\#$]1... $exd6$ 2. $\mathbb{Q}bx6\#$ but 1... $\mathbb{Q}xc3!$ 1. $\mathbb{Q}c6?$ [2. $\mathbb{Q}e5\#$]1... $\mathbb{Q}xc3$ 2. $\mathbb{Q}xe3\#$ but 1... $exd6!$ **1. $\mathbb{Q}e6!$ [2. $\mathbb{Q}e5\#$]**1... $exd6$ 2. $\mathbb{Q}xd6\#$ 1... $\mathbb{Q}xc3$ 2. $\mathbb{Q}xe3\#$ 1... $\mathbb{Q}d5/\mathbb{Q}d7$ 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$ (1... $\mathbb{Q}d4$ 2. $\mathbb{Q}xd4\#/\mathbb{Q}xd4\#$)

A081



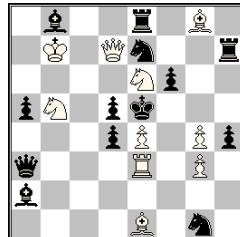
‡2

(9+14)

1. $\mathbb{Q}e2?$ [2. $\mathbb{Q}de5\#$ A]1... $\mathbb{Q}d3$ a 2. $\mathbb{Q}d3\#$ 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}f3\#$ but 1... $d1\mathbb{Q}$ (‡)!1. $\mathbb{Q}xd2?$ [2. $\mathbb{Q}fe5\#$ B]1... $\mathbb{Q}f3$ 2. $\mathbb{Q}xf3\#$ but 1... $f4!$ b1. $\mathbb{Q}c8?$ [2. $\mathbb{Q}a4\#$]1... $\mathbb{Q}d3$ a 2. $\mathbb{Q}de5\#$ Abut 1... $xf4!$ b1. $\mathbb{Q}d8?$ [2. $\mathbb{Q}a4\#$]1... $\mathbb{Q}xf4$ b 2. $\mathbb{Q}fe5\#$ Bbut 1... $d3!$ a1. $\mathbb{Q}c7!$ [2. $\mathbb{Q}a4\#$]1... $\mathbb{Q}d3$ a 2. $\mathbb{Q}de5\#$ A1... $\mathbb{Q}xf4$ b 2. $\mathbb{Q}fe5\#$ B1... $\mathbb{Q}f3$ 2. $\mathbb{Q}xf3\#$ 1... $e6$ 2. $\mathbb{Q}xe6\#$ 1... $e5$ 2. $\mathbb{Q}xe5\#$

Dombrovskis

A082



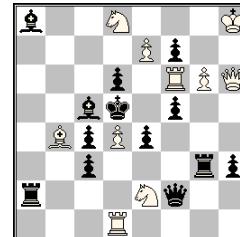
‡2

(10+13)

1. $\mathbb{Q}exd4?$ [2. $\mathbb{Q}e6\#$]1... $\mathbb{Q}e\sim a$ 2. $\mathbb{Q}c6\#$ 1... $\mathbb{Q}d6$ b 2. $\mathbb{Q}exd5\#$ 1... $hxg3$ 2. $\mathbb{Q}xg3\#$ but 1... $dxe4!$ 1. $\mathbb{Q}f4?$ [2. $\mathbb{Q}e6\#$]1... $\mathbb{Q}e\sim a$ 2. $\mathbb{Q}g6\#$ 1... $\mathbb{Q}d6$ b 2. $\mathbb{Q}d3\#$ 1... $dxe4$ 2. $\mathbb{Q}xd4\#$ but 1... $hxg3!$ 1. $\mathbb{Q}g7?$ [2. $\mathbb{Q}e6\#$]1... $\mathbb{Q}e\sim a$ 2. $\mathbb{Q}xf5\#$ but 1... $d6!$ 1. $\mathbb{Q}f8, \mathbb{Q}d8? \mathbb{Q}d6!$ 1. $\mathbb{Q}ec7!$ [2. $\mathbb{Q}e6\#$]1... $\mathbb{Q}e\sim a$ 2. $\mathbb{Q}xf5\#$ 1... $\mathbb{Q}d6$ b 2. $\mathbb{Q}xd6\#$ 1... $dxe4$ 2. $\mathbb{Q}xd4\#$ 1... $hxg3$ 2. $\mathbb{Q}xg3\#$

Zagoruiko 3x2

A083



‡2

(10+13)

1. $e8\mathbb{Q}?$ [2. $\mathbb{Q}xf7\#$]1... $\mathbb{Q}xd4$ a 2. $\mathbb{Q}f4\#$ 1... $\mathbb{Q}xd4$ b 2. $\mathbb{Q}b5\#$ 1... $e3$ 2. $\mathbb{Q}xc3\#$ but 1... $a7!$ 1. $\mathbb{Q}f4?$ [2. $\mathbb{Q}xf5\#$ A]1... $\mathbb{Q}xd4$ a 2. $\mathbb{Q}xf5\#$ 1... $\mathbb{Q}xd4$ b 2. $\mathbb{Q}xd6\#$ 1... $g5$ 2. $\mathbb{Q}xc3\#$ 1... $xf4$ 2. $\mathbb{Q}xf4\#$ but 1... $fxg6!$ 1. $\mathbb{Q}g7!$ [2. $\mathbb{Q}xf7\#$]1... $\mathbb{Q}xd4$ a 2. $\mathbb{Q}xf5\#$ A1... $\mathbb{Q}xd4$ b 2. $\mathbb{Q}xd6\#$ 1... $e3$ 2. $\mathbb{Q}xc3\#$

Dombrovskis paradox

Zagoruiko

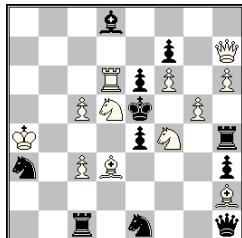
Thematic defenses on the

same square

Change of type of mating

pieces

A084



#2

(12+11)

1. $\mathbb{Q}c2?$ [2. $\mathbb{Q}d3\#$ A]1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$

but 1...e3! a (1...exd3???)

1. $\mathbb{Q}e3?$ [2. $\mathbb{Q}g6\#$ B]1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}g4\#$

but 1...exd3! B (1...e3???)

1. $\mathbb{Q}b4!$ [2. $\mathbb{Q}c6\#$]1...e3 2. $\mathbb{Q}g6\#$ B1...exd3 2. $\mathbb{Q}fxd3\#$ A1... $\mathbb{Q}xh2$ 2. $\mathbb{Q}xe4\#$

Hannelius theme (within

WCCT theme)

Changed mate (next-to
WCCT theme)

A085



#2

(12+11)

1. $\mathbb{Q}h8?$ [2. $\mathbb{Q}d5\#$ A/ $\mathbb{Q}e4\#$ B]1... $\mathbb{Q}xf4$ a 2. $\mathbb{Q}c4\#$ 1... $\mathbb{Q}xf4$ b 2. $\mathbb{Q}d3\#$ but 1... $\mathbb{Q}xb7!$ 1. $\mathbb{Q}xf3?$ [2. $\mathbb{Q}e2\#$]1... $\mathbb{Q}xf4$ a 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}xf4$ b 2. $\mathbb{Q}e4\#$ 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$ 1... $\mathbb{Q}xg3$ 2. $\mathbb{Q}xe3\#$ but 1... $\mathbb{Q}xf4!$ **1. $\mathbb{Q}c7!$ [2. $\mathbb{Q}b5\#$]**1... $\mathbb{Q}xf4$ a 2. $\mathbb{Q}d5\#$ A1... $\mathbb{Q}xf4$ b 2. $\mathbb{Q}e4\#$ B1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$

Zagorukio theme

Double Dombrovskis

paradox (Rudenko theme)

Thematic defenses on the

same square

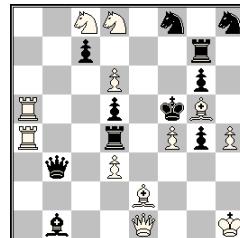
Change of type of mating

pieces

In each phase, one white

piece mates twice ($\mathbb{Q}c3$, \mathbb{Q} , $\mathbb{Q}e5$)

A086

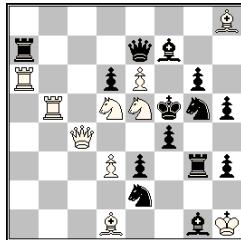


#2

(12+11)

1. $\mathbb{Q}d1?$ [2. $\mathbb{Q}e5\#$]but 1... $\mathbb{Q}xd1!$ **1. $\mathbb{Q}f1!$ [2. $\mathbb{Q}e5\#$]**1... $\mathbb{Q}d7$ 2. $\mathbb{Q}e6\#$ 1... $\mathbb{Q}f7$ / $\mathbb{Q}e7$ 2. $\mathbb{Q}xe7\#$ 1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}xd6\#$ 1... $\mathbb{Q}e4$ 2. $\mathbb{Q}xe4\#$ 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$ 1... $\mathbb{Q}g3$ 2. $\mathbb{Q}h3\#$

A087



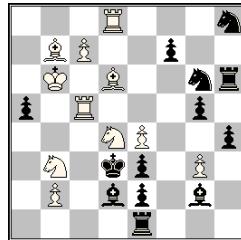
‡2

(10+14)

1... $\mathbb{Q}xe6$ a 2. $\mathbb{Q}xe3\#$ A1. $\mathbb{Q}e\sim?$ $\mathbb{Q}b7!$ 1. $\mathbb{Q}c6?$ $\mathbb{Q}xe6!$ 1. $\mathbb{Q}f3?$ $\mathbb{Q}g4!$ **1. $\mathbb{Q}d7!$ [2. $\mathbb{Q}xe3\#$ A]**1... $\mathbb{Q}xe6$ a 2. $\mathbb{Q}f6$ ($\mathbb{Q}b6?$)1... $\mathbb{Q}g4$ 2. $\mathbb{Q}xf4\#$

Virtual anticipatory unpin damages analogous white in the tries; Dombrovskis paradox, changed mates, dual avoidance

A088



‡2

(11+13)

1. $\mathbb{Q}f3?$ [2. $\mathbb{Q}f4\#/\mathbb{Q}e5\#/\mathbb{Q}e7\#/\mathbb{Q}f8\#]$ 1... $\mathbb{Q}f4/\mathbb{Q}e5/\mathbb{Q}e7/\mathbb{Q}f8$ 2. $\mathbb{Q}e5\#$ but 1... $\mathbb{Q}h3!$ **1. $\mathbb{Q}e6!$** [2. $\mathbb{Q}f4\#/\mathbb{Q}e5\#/\mathbb{Q}e7\#/\mathbb{Q}f8\#]$ 1... $\mathbb{Q}f4$ 2. $\mathbb{Q}xf4\#$ 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}xe5\#$ 1... $\mathbb{Q}e7$ 2. $\mathbb{Q}xe7\#$ 1... $\mathbb{Q}f8$ 2. $\mathbb{Q}xf8\#$ 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}a6\#$ 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xc3\#$

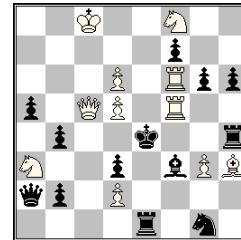
Fleck

Luukonen

Dombrovskis-Hannelius

Vladimirov

A089



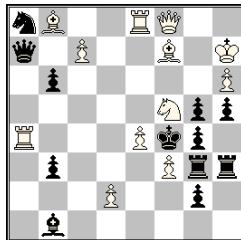
‡2

(11+13)

1. $\mathbb{Q}c2?$ [2. $\mathbb{Q}d4\#$]1... $\mathbb{Q}e2$ 2. $\mathbb{Q}e3\#$ 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$ 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5\#$ but 1... $\mathbb{Q}dx2!$ 1. $\mathbb{Q}c4?$ [2. $\mathbb{Q}e5\#$]1... $\mathbb{Q}h5$ 2. $\mathbb{Q}f4\#$ 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}xc4\#$ 1... $\mathbb{Q}xf5$ 2. $\mathbb{Q}xf5\#$ but 1... $\mathbb{Q}g4!$ 1. $\mathbb{Q}b5?$ [2. $\mathbb{Q}d4\#$]1... $\mathbb{Q}e2$ 2. $\mathbb{Q}e3\#$ 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$ 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5\#$ but 1... $\mathbb{Q}c1!$ 1. $\mathbb{Q}e6?$ [2. $\mathbb{Q}d4\#$]1... $\mathbb{Q}e2$ 2. $\mathbb{Q}e3\#$ 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc4\#$ 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{Q}xe6$ 2. $\mathbb{Q}xe6\#$ but 1... $\mathbb{Q}c1!$ 1. $\mathbb{Q}xg6?$ [2. $\mathbb{Q}e5\#$]1... $\mathbb{Q}h5$ 2. $\mathbb{Q}f4\#$ 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{Q}fg6$ 2. $\mathbb{Q}e6\#$ but 1... $\mathbb{Q}g4!$ **1. $\mathbb{Q}d7!$ [2. $\mathbb{Q}e5\#$]**1... $\mathbb{Q}h5$ 2. $\mathbb{Q}f4\#$ 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5\#$ 1... $\mathbb{Q}xf5$ 2. $\mathbb{Q}xf5\#$

Two thematic pin-lines

A090



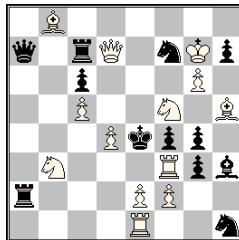
‡2

(12+12)

1. $\mathbb{Q}d5?$ [2. $\mathbb{Q}f\sim\#$]1... $\mathbb{Q}xc7$ 2. $\mathbb{Q}g7\#$ but 1... $\mathbb{Q}xe4!$ 1. $\mathbb{Q}g6?$ [2. $\mathbb{Q}f\sim\#$]1... $\mathbb{Q}xc7$ 2. $\mathbb{Q}g7\#$ 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}d4\#$ 1... $\mathbb{Q}gx3$ 2. $\mathbb{Q}e3\#$ 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}d6\#$ but 1... $\mathbb{Q}a5!$ 1. $\mathbb{Q}e3?$ [2. $\mathbb{Q}f\sim\#$]1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}g6\#$ 1... $\mathbb{Q}a5$ 2. $\mathbb{Q}d5\#$ but 1... $\mathbb{Q}xc7!$ 1. $\mathbb{Q}g7!$ [2. $\mathbb{Q}f\sim\#$]1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}g6\#$ 1... $\mathbb{Q}a5$ 2. $\mathbb{Q}d5\#$ 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}c4\#$ 1... $\mathbb{Q}gx3$ 2. $\mathbb{Q}xh5\#$ 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}d6\#$

Half-battery; self-pinning
black units pin White's threat
pieces

A091

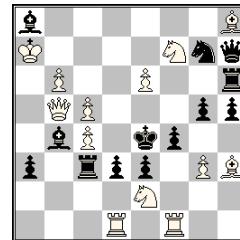


‡2

(13+12)

1. $\mathbb{Q}e7!$ [2. $\mathbb{Q}f5\#$]1... $\mathbb{Q}d6$ $\mathbb{Q}h6$ 2. $\mathbb{Q}e6\#$ 1... $\mathbb{Q}xe2$ 2. $\mathbb{Q}d2\#$ 1... $\mathbb{Q}xd7$ 2. $\mathbb{Q}xf4\#$ 1... $\mathbb{Q}xc5$ 2. $\mathbb{Q}xc5\#$ 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}xf3\#$ 1... $\mathbb{Q}hxg6$ 2. $\mathbb{Q}xg6\#$

A092



‡2

(13+13)

1. $\mathbb{Q}xf4?$ [2. $\mathbb{Q}d6\#$ **A**/ $\mathbb{Q}xg5\#$ **B**]1... $\mathbb{Q}xe6$ **a** 2. $\mathbb{Q}g3\#$ 1... $\mathbb{Q}f5$ **b** 2. $\mathbb{Q}g2\#$ 1... $\mathbb{Q}g4$ **c** 2. $\mathbb{Q}d6\#$ **A**1... $\mathbb{Q}xc5$ **d** 2. $\mathbb{Q}xg5\#$ **B**1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}xf4\#$ **C**1... $\mathbb{Q}xc4$ **e** 2. $\mathbb{Q}xc4\#$ but 1... $d2!$ 1. $\mathbb{Q}d7!$ [2. $\mathbb{Q}d4\#$]1... $\mathbb{Q}xe6$ **a** 2. $\mathbb{Q}d6\#$ **A**1... $\mathbb{Q}f5$ **b** 2. $\mathbb{Q}xg5\#$ **B**1... $\mathbb{Q}g4$ **c** 2. $\mathbb{Q}xf4\#$ **C**1... $\mathbb{Q}xc5$ **d** 2. $\mathbb{Q}xc3\#$ 1... $\mathbb{Q}xc4$ **e** 2. $\mathbb{Q}xd3\#$ 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}xd5\#$

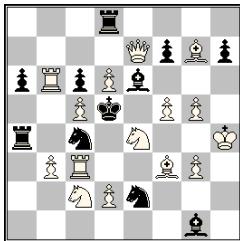
Dombrovkis paradox

Ideal Rukhlis involving two
half-defenses in the try

3-fold condensed Rukhlis

A total of 5 mate changes

A093



‡2

(15+11)

1... $\mathbb{Q}xc5$ 2. $\mathbb{Q}f2\#$ **A**

1.d7? [2. $\mathbb{Q}f2\#$ **A**]

1... $\mathbb{Q}c \sim a$ 2. $\mathbb{Q}d6\#$ **B**

1... $\mathbb{Q}xf5$ 2. $\mathbb{Q}f6\#$ **C**

1... $\mathbb{Q}xc3$ 2. $\mathbb{Q}xc3\#$

1... $\mathbb{Q}xg3$ 2. $\mathbb{Q}xg3\#$

1...f6 2. $\mathbb{Q}xe6\#$

but 1... $\mathbb{Q}d4!$

1.b4? [2. $\mathbb{Q}f2\#$ **A**]

1... $\mathbb{Q}xd2$ 2. $\mathbb{Q}xd2\#$

1... $\mathbb{Q}e5$ 2. $\mathbb{Q}f6\#$ **C**

1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}xd6\#$

1... $\mathbb{Q}xf5$ 2. $\mathbb{Q}f6\#$ **C**

1... $\mathbb{Q}xc3$ 2. $\mathbb{Q}xc3\#$

1... $\mathbb{Q}xg3$ 2. $\mathbb{Q}xg3\#$

1... $\mathbb{Q}xb4$ 2. $\mathbb{Q}xb4\#$

1...f6 2. $\mathbb{Q}xe6\#$

but 1... $\mathbb{Q}d4!$

1. $\mathbb{Q}b4!$ [2. $\mathbb{Q}xc4\#$]

1... $\mathbb{Q}c \sim a$ 2. $\mathbb{Q}f2\#$ **A**

(Dombrovskis paradox)

1... $\mathbb{Q}xd2$ 2. $\mathbb{Q}xd2\#$

1... $\mathbb{Q}e5$ 2. $\mathbb{Q}f6\#$ **C**

1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}xd6\#$

1... $\mathbb{Q}xb4$ 2. $\mathbb{Q}xb4\#$

1...f6 2. $\mathbb{Q}xe6\#$



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

**ENTRIES
SECTION B: THREEMOVERS**

July 2016

Judging countries

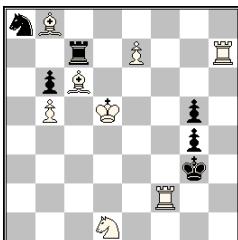
Belarus, Croatia, India, Sweden, Switzerland
(France as reserve)

Theme

In a directmate in 3 moves in the same variation the black defensive motive and the white response are of the same tactical nature. For example, if Black is making a square evacuation defence then White is making a square evacuation on second move. Black unpin is replied by white unpin, black flight provision (unblock, capture or interference) is replied by a flight provision on W2 move.

Purely geometrical unity (like in magnet or monkey theme) is not considered thematic. Zugzwang problems are not thematic for this section. It is allowed to have different tactical motives in different variations.

B001

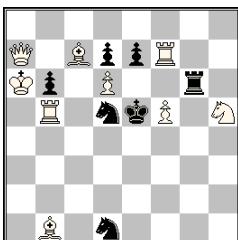


‡3

(8+6)

- 1. ♜d6!** [2. ♜g2+ ♛f4 3. ♜f7#]
 1... ♜xc6+ 2. ♜xc6+ ♜c7 3. ♜xc7#
 1... ♜d7+ 2. ♜xd7+ ♜c7 3. ♜xc7#
 1... ♜xe7 2. ♜xe7+ ♜c7 3. ♜xc7#

B002



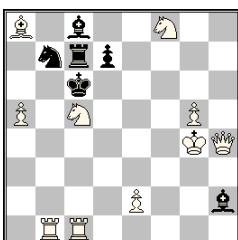
‡3

(9+7)

- 1... ♜xd6 2. ♜xb6** (selfpin) [3. ♜xe7#] e6 3. ♜xd6#
 1... exd6 2. ♜xb6 [3. ♜d4#] ♜g4 3. ♜e7#

1. ♜xb6! [2. ♜d4+ ♛xd6 3. ♜c5#]
 1... ♜xd6 2. ♜b8 (pin) [3. ♜xe7#] e6 3. ♜h8#
 1... ♜xd6 2. ♜b8+ ♜c7+ (check) 3. ♜xc7#
 2... ♛c6 3. ♜c5#
 1... ♜g4 2. ♜xe7+ ♛xd6 3. ♜xd7#

B003



‡3

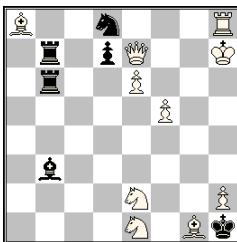
(10+6)

- 1. ♜h7?** [2. ♜b6+ ♛d5 a 3. ♜e4# P]
 1... d6+ 2. ♜cd7+ B ♛d5 a 3. ♜d3# Q
 1... d5+ 2. ♜ce6+ A ♛d6 b 3. ♜xc7# R
 but 1... ♛d6!

1. ♜h8! [2. ♜b6+ ♛d5 a 3. e4# X]
 1... d6+ 2. ♜ce6+ A ♛d5 a 3. ♜d4# Y
 1... d5+ 2. ♜cd7+ B ♛d6 b 3. ♜f6# Z
 1... ♛d6 2. ♜f6+ ♛d5 3. e4#

Black battery check vs. White battery check
 Reciprocal change of W2 moves (for 1...d5/d6) after the try & key
 4 different mates after 2... ♛d5
 Changed mates after 2... ♛d5/♛d6 in the try-play and post-key play

B004



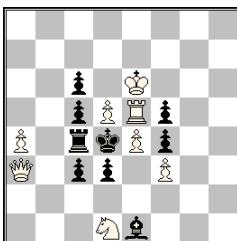
‡3

(10+6)

- 1. ♜d4!** [2. ♜g3+ ♔xh2 3. ♛h4#]
 1...d6 2. ♜g6 [3. ♜g3#]
 1...d5 2. ♜g8 [3. ♜g3#]
 1...dxe6 2. ♜g7 [3. ♜g3#]

Rook line opening

B005

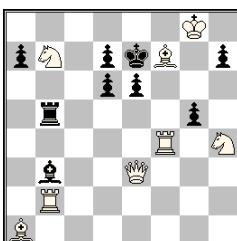


‡3

(8+9)

- 1...fxe4 2. ♛xe4# **A**
 1...cxd5 2. ♛xd5# **B**
- 1.exf5? **x** [2. ♛e4#] **A**
 1...cxd5 2. ♛xd5# **B**
- 1...d2 a 2.dxc6 y** [3. ♛d5#] **B**, **2...♛b4 b** 3. ♛xc3#
 but 2... ♛d3!
- 1.dxc6! y** [2. ♛d5#] **B**
1...♛b4 b 2.exf5 x [3. ♛e4#] **A** ♛c4 3. ♛e4#
2...d2 a 3. ♛xc3#
2...c4 3. ♛d5# B

B006



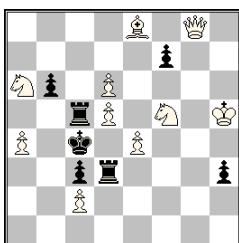
‡3

(8+9)

1. ♛h2? [2. ♛f6#]
 1...e5 2. ♛f5+ ♔f6 3. ♛h6#
 but 1...gxsf4!
- 1. ♛bf2!** [2. ♛f6#]
1...♛e5 2. ♛f5 [3. ♛xg5#]
 2... ♛xf5 3. ♛xf5#, 2...h6 3. ♛g6#, 2... ♛xe3 3. ♛f6#
- 1...e5 2. ♛c4** [3. ♛xg5#]
 2...e4 3. ♛f6#, 2...h6 3. ♛g6#
 1...gxsf4 2. ♛xf4 [♛xd6#/ ♛f6#/3. ♛f6#]
 2... ♛g5+ 3. ♛xg5#

Line-closings vs. line-closings combined with line-openings

B007



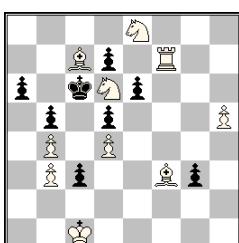
- 1. $\mathbb{Q}g7!$ [2. $\mathbb{Q}d4+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}e3\#$]**
1... $\mathbb{Q}dxd5$ 2. $\mathbb{Q}xf7$ [3. $\mathbb{Q}d4\#$]
1... $\mathbb{Q}cxd5$ 2. $\mathbb{Q}xf7$ [3. $\mathbb{Q}b5\#$]
1...f6 2. $\mathbb{Q}c7$ [3. $\mathbb{Q}b5\#$] $\mathbb{Q}c6$ 3. $\mathbb{Q}xc6\#$

Pinnings

#3

(10+7)

B008



- 1. $\mathbb{Q}e2?$ [2. $\mathbb{Q}f3$ [3. $\mathbb{Q}xc3\#$]]**
1...e5 2. $\mathbb{Q}g4$ [3. $\mathbb{Q}xd7\#$]
 but 1...g2!

1. $\mathbb{Q}g4?$ [2. $\mathbb{Q}f3$ [3. $\mathbb{Q}xc3\#$]]
1...a5 2. $\mathbb{Q}e2$ [3. $\mathbb{Q}xb5\#$]
 but 1...g2!

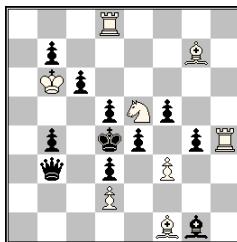
1. $\mathbb{Q}d1?$ [2. $\mathbb{Q}f3$ [3. $\mathbb{Q}xc3\#$]]
1...a5 2. $\mathbb{Q}e2$ [3. $\mathbb{Q}xb5\#$]
1...e5 2. $\mathbb{Q}g4$ [3. $\mathbb{Q}xd7\#$]
 but 1...c2!

- 1. $\mathbb{Q}g2!$ [2. $\mathbb{Q}f3$ [3. $\mathbb{Q}xc3\#$]]**
1...a5 2. $\mathbb{Q}f1$ [3. $\mathbb{Q}xb5\#$]
1...e5 2. $\mathbb{Q}h3$ [3. $\mathbb{Q}xd7\#$]

Anticipatory guard of the mate square vs. Anticipatory guard of the mate square (or sequential approaching the mate square vs. sequential approaching the mate square)

2 thematic phases with changed play, quiet second moves
 Reciprocal exchange of 1st and 2nd move (1. $\mathbb{Q}g4?$ and 1. $\mathbb{Q}e2?$)
 14 moves of W \mathbb{Q} - task!

B009



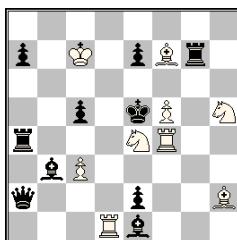
- 1. $\mathbb{Q}c8!$** [2. $\mathbb{Q}xc6+$ $\mathbb{Q}c4+$ 3. $\mathbb{Q}d4\#$]
 1... $\mathbb{Q}a4$ 2. $\mathbb{Q}xd3+$ $\mathbb{Q}c4+$ 3. $\mathbb{Q}c5\#$
 1... $exf3$ 2. $\mathbb{Q}xg4+$ $\mathbb{Q}c4+$ 3. $\mathbb{Q}e3\#$
 2... $\mathbb{Q}e4+$ 3. $\mathbb{Q}f2\#$

Black \mathbb{Q}/\mathbb{Q} battery play with checks at B2 moves is met by the same effect of battery play at W3 moves. Triple white battery creation at W2 moves, triple play by the white Siers battery at W2 and W3 moves and triple change of mate after 2... $\mathbb{Q}c4$

‡3

(8+11)

B010

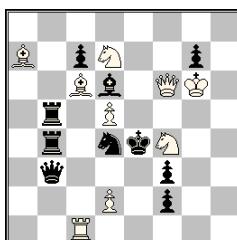


- 1. $\mathbb{Q}ef6?$** [2. $\mathbb{Q}d7\#$]
 1... $exd1\mathbb{Q}/\mathbb{Q}d2$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xf5$ 3. $\mathbb{Q}e5\#$
 1... $exf6$ 2. $\mathbb{Q}c4+$ ~ 3. $\mathbb{Q}d5\#$
 but 1... $\mathbb{Q}xf4!$
- 1. $\mathbb{Q}d6!$** [2. $\mathbb{Q}e4\#$]
 1... $\mathbb{Q}g3$ 2. $\mathbb{Q}c4!$
 1... $\mathbb{Q}g3$ 2. $\mathbb{Q}c4!$
 1... $exd6$ 2. $\mathbb{Q}c4+$

‡3

(9+10)

B011

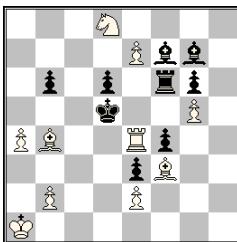


- 1. $\mathbb{Q}g5!$** [2. $\mathbb{Q}g6+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}xf5\#$]
 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}xf5$ 3. $d3\#$
 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}c5\#$
 Checks with selfpins
 1... $gxf6$ + 2. $\mathbb{Q}xf6+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}g6\#$
 1... $\mathbb{Q}xf4+$ 2. $\mathbb{Q}xf4+$ $\mathbb{Q}d3$ 3. $\mathbb{Q}e3\#$
 Checks with captures

‡3

(9+10)

B012



1.b3! [2. $\mathbb{Q}e6+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}c6\#$]
 1... $\mathbb{Q}e6+$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c6\#$, 2... $\mathbb{Q}e5$ 3. $\mathbb{Q}d5\#$
 1... $\mathbb{Q}f5+$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}c6\#$, 2... $\mathbb{Q}xe5$ 3. $\mathbb{Q}c3\#$
 1... $\mathbb{Q}e8$ 2. $\mathbb{Q}c3$ [3. $\mathbb{Q}c4\#/\mathbb{Q}e5\#$]

‡3

(10+9)

B013



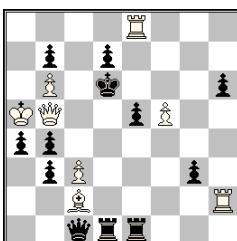
1... $\mathbb{Q}xc3+$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}xc2$ 3. $\mathbb{Q}b1\#$, 2... $\mathbb{Q}c4$ 3. $\mathbb{Q}b3\#$
1. $\mathbb{Q}e4!$ [2. $\mathbb{Q}d3+$ $\mathbb{Q}xc3+$ 3. $\mathbb{Q}d5\#$]
 1... $\mathbb{Q}xe3$ 2. $\mathbb{Q}d5$ [3. $\mathbb{Q}xe3\#$, $\mathbb{Q}b3\#$] $\mathbb{Q}b8$ 3. $\mathbb{Q}xe3\#$, 2... $\mathbb{Q}b4+$ 3. $\mathbb{Q}xb4\#$
 1... $\mathbb{Q}xe5$ 2. $\mathbb{Q}d3$ [3. $\mathbb{Q}xe5\#$, $\mathbb{Q}b3\#$] $\mathbb{Q}b8$ 3. $\mathbb{Q}xe5\#$, 2... $\mathbb{Q}b4+$ 3. $\mathbb{Q}xb4\#$
 1... $\mathbb{Q}xc5$ 2. $\mathbb{Q}xa6$ [3. $\mathbb{Q}xc5\#$, $\mathbb{Q}b3\#$, $\mathbb{Q}b4\#$] $\mathbb{Q}b8$ 3. $\mathbb{Q}xc5\#$

Line opening by Black and White
 Bishop star in B1

‡3

(11+8)

B014

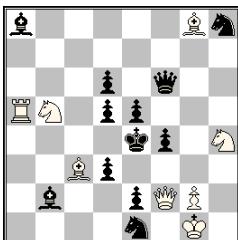


1.c4! [2. $\mathbb{Q}xb4+$ $\mathbb{Q}c6$ 3. $\mathbb{Q}c8\#$]
 1... $\mathbb{Q}e3$ 2. $\mathbb{Q}e4$ [3. $\mathbb{Q}xe5\#$] $\mathbb{Q}xe4$ 3. $\mathbb{Q}xh6\#$
 2... $\mathbb{Q}d5$ 3. $\mathbb{Q}xd5\#$
 2... $\mathbb{Q}xb6+$ 3. $\mathbb{Q}xb6\#$
 2... $\mathbb{Q}c5/\mathbb{Q}d4/\mathbb{Q}c3$ 3. $\mathbb{Q}xh6\#$
 1... $\mathbb{Q}d2$ 2. $\mathbb{Q}d3$ [3. $\mathbb{Q}d5\#$] $\mathbb{Q}xd3$ $\mathbb{Q}g2$ 3. $\mathbb{Q}xh6\#$

‡3

(8+12)

B015



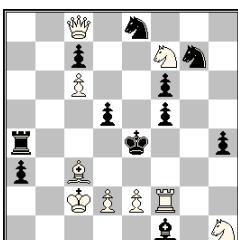
‡3

(8+12)

- 1. ♘d2!** [2. ♖f3+ C ♗xf3+ 3. gxf3# D]
1... ♗d4 2. ♜a4 [3. ♗c3# A] ♗f3+ 3. gxf3# D (3. ♖xf3#?? C)
 2... ♗xh4 3. ♗xd6# B
1... ♗g6 2. ♘h7 [3. ♗xd6# B] ♗f3+ 3. ♖xf3# C (3. gxf3#?? D)
 2... ♗a3 3. ♗c3# A
 2... ♗f7 3. ♗xg6#

Pinning vs. pinning

B016



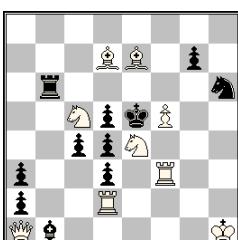
‡3

(9+11)

- 1. ♘d7!** [2. ♖e7+ ♗e6 3. ♖xe6#]
1... d4 2. d3+ ♔e3 3. ♘d2#
1... f4 2. ♜xf1 [3. ♗f2#] ♗e6 3. ♖xe6#
 2... f3 3. ♖g4#

Square vacations

B017

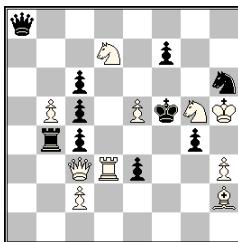


‡3

(9+11)

- 1... ♗xf5 2. ♜xf5X, 1... ♗b~ 2. ♘d6X.
 1. ♗f2? [2. ♜e3+ ♗f4 3. ♖xd4#]
 1... ♗b2 2. ♘b5, 1... ♗e6 2. ♘xe6, 1... c3 2. ♜c2
 but 1... ♗f6!
 1. ♘d6? [2. ♜e3+ ♗f4 3. ♖xd4#]
 but 1... c3!
1. ♘g5! [2. ♜e3+ ♗f4 3. ♖xd4#]
1... ♗b2 2. ♘b5 [3. ♗d7#]
1... ♗f6 2. ♘e6 [3. ♗d7#] (1... ♗e6 2. ♘xe6)
1... c3 2. ♜c2 [3. ♗xd3#] ♗xc2 3. ♖e1#

B018



‡3

(10+10)

1...cxd3 2.♕xd3+ ♜e4 3.♕xe4#

1.♕e1? [2.♕f1#]

1...cxd3 2.♕f1+ ♜f4 3.♕xf4#

but 1... ♜a1! a, cxb5! b

1.♗d1! [2.♗f1#]

1...♗a1 a 2.♗d6 [3.♗f6#] ♜g8 3.hxg4# (direct attack on thematic squares)

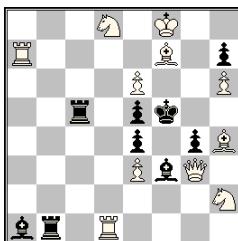
1...cxb5 b 2.e6 [3.♗e5#/♗f6#] ♜a1 3.♗d5#, 2...♗h8 3.♗f1# (line openings)

1...e2 2.hxg4+ ♜xg4 3.♗f4#

1...♗b1 2.♗xe3 cxb5 3.♗f4#

Two refutations of a try show up as thematic defences in solution

B019



‡3

(11+9)

1...♗c3 2.♗f4+ exf4 3.♗d5#

1.♗h5? [2.♗f7#]

1...♗c7 2.♗d5 [3.♗f4#] ♗f7+ 3.♗xf7#

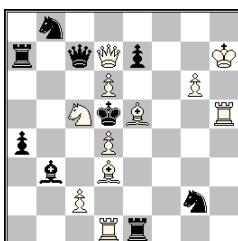
but 1...♗b7! (2.♗f1?! [3.♗xg4#] ♗f7+ 3.♗xf7#, but 2...♗g7!)

1.♗g7! [2.♗g6+ hxg6 3.♗f7#]

1...♗b7 2.♗f1 [3.♗xg4#] ♗f7+ 3.♗xf7#

1...♗c7 2.♗d5 [3.♗f4#] ♗xf7+ 3.♗xf7#

B020



‡3

(11+9)

1.♗b5! [2.c4+ ♜xc4 3.♗xc4#]

1...e6+ 2.♗d7+ ♜c5 3.♗xc5#

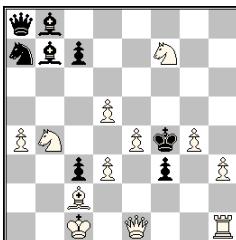
1...exd6+ 2.♗g7+ ♜e5 3.♗e4#

1...♗xe5 2.♗e4+ ♜xd6 3.dxe5#

1...♗xc5 2.♗xc5+ ♜e6 3.♗f5#

Battery check vs. battery check

B021



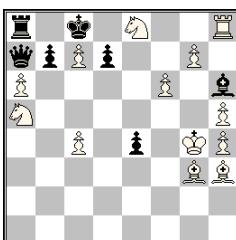
- 1. $\mathbb{Q}g1!$** [2. $\mathbb{Q}b1$ [3. $\mathbb{Q}c1\#$] f2 3. $\mathbb{Q}xf2\#$]
 1... $\mathbb{Q}b5$ 2. **d4** [3. $\mathbb{Q}d3\#$] f2 3. $\mathbb{Q}xf2\#$
 1... $\mathbb{Q}c6$ 2. **e5** [3. $\mathbb{Q}e4\#$]
 1... $\mathbb{Q}c8$ 2. **g5** [3. $\mathbb{Q}g4\#$] f2 3. $\mathbb{Q}xf2\#$
 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5$ [3. $\mathbb{Q}e4\#/\mathbb{Q}e5\#$] $\mathbb{Q}xd5$ 3. $\mathbb{Q}xd5\#$

3 times square vacation

#3

(12+8)

B022



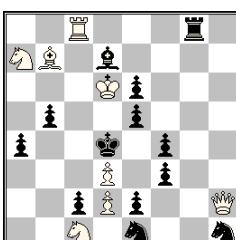
- 1. $\mathbb{Q}c5!$** [2. $\mathbb{Q}d6+$ $\mathbb{Q}xc7$ 3. $\mathbb{Q}b5\#$]
 1... $\mathbb{d}6$ 2. **$\mathbb{Q}e5$** [3. $\mathbb{Q}g3\#$] $\mathbb{Q}f4$ 3. $\mathbb{Q}xf4\#$
 1... $\mathbb{d}5$ 2. **$\mathbb{Q}d6$** [3. $\mathbb{Q}g3\#$] $\mathbb{Q}f4$ 3. $\mathbb{Q}xf4\#$

Both sides vacate a flight square for their Kings

#3

(13+7)

B023



1. $\mathbb{Q}c3?$ [2. $\mathbb{Q}xe2$ [3. $\mathbb{Q}e4\#$, $\mathbb{Q}xe5\#$] $\mathbb{Q}fxe2$ 3. $\mathbb{Q}xe2\#$]
 1... $\mathbb{Q}g2$ a 2. **$\mathbb{Q}c6 A$** (2. $\mathbb{Q}c6?$ **B** $\mathbb{Q}b8!$) [3. $\mathbb{Q}xb5\#$] $\mathbb{Q}xc6$ 3. $\mathbb{Q}xc6\#$
 1... $\mathbb{Q}g2$ b 2. **$\mathbb{Q}c6 B$** (2. $\mathbb{Q}c6?$ **A** $\mathbb{Q}xd3!$) [3. $\mathbb{Q}xb5\#$] $\mathbb{Q}xc6$ 3. $\mathbb{Q}xc6\#$
 1... $\mathbb{Q}c8/\mathbb{Q}d8$ 2. $\mathbb{Q}g1+$ $\mathbb{Q}f2$ 3. $\mathbb{Q}xf2\#$, 2... $f2$ 3. $\mathbb{Q}xe2\#$
 but 1... $\mathbb{Q}xd3!$

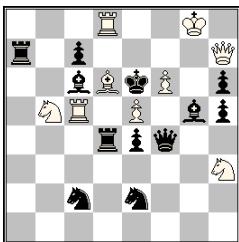
- 1. $\mathbb{Q}xf3!$** [2. $\mathbb{Q}xe2$ $\mathbb{Q}g5$ 3. $\mathbb{Q}e4\#$]
 1... $\mathbb{Q}g2$ a 2. **$\mathbb{Q}c6 B$** (2. $\mathbb{Q}c6?$ **A** $\mathbb{Q}b8!$) [3. $\mathbb{Q}xb5\#$] $\mathbb{Q}xc6$ 3. $\mathbb{Q}xc6\#$
 1... $\mathbb{Q}g2$ b 2. **$\mathbb{Q}c6 A$** (2. $\mathbb{Q}c6?$ **B** $\mathbb{Q}xd3!$) [3. $\mathbb{Q}xb5\#$] $\mathbb{Q}xc6$ 3. $\mathbb{Q}xc6\#$
 1... $\mathbb{Q}xc8/\mathbb{Q}d8$ 2. $\mathbb{Q}g1+$ $\mathbb{Q}f2$ 3. $\mathbb{Q}xf2\#$

#3

(8+13)

Reciprocal change with interference, critical moves, anticalitical moves

B024



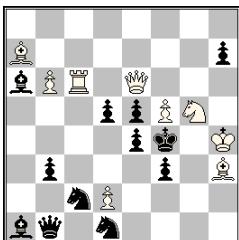
- 1. $\mathbb{Q}g6!$** [2. $f7+$ $\mathbb{Q}f6$ / $\mathbb{Q}f6$ 3. $f8\mathbb{Q}#$]
 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}xg5+$ $hxg5$ 3. $\mathbb{Q}xf6\#$
 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}xf4+$ $\mathbb{Q}xf4$ 3. $\mathbb{Q}xf6\#$
 1... $cxd6$ 2. $\mathbb{Q}xd4+$ $\mathbb{Q}cxd4$ / $\mathbb{Q}exd4$ 3. $\mathbb{Q}xd6\#$
 1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}xc7+$ $\mathbb{Q}xc7$ 3. $\mathbb{Q}xd6\#$

Capture as a thematic black defensive effect at B1 moves and a thematic white attacking effect at W2 moves. In addition, capture also features as a harmful effect: black pieces are captured at W3 moves on the junction point f6 or d6; white pieces are captured after sacrifice at B2 moves

#3

(9+12)

B025



1. $\mathbb{Q}b8?$ [2. $\mathbb{Q}xd5$ / $\mathbb{Q}xe5+$] $\mathbb{Q}c8!$
 1. $\mathbb{Q}xd5?$ [2. $\mathbb{Q}xe4\#$ / $\mathbb{Q}e6\#$] $\mathbb{Q}d4!$
 1.f6? [2. $\mathbb{Q}f5\#$ / $\mathbb{Q}g4\#$] $\mathbb{Q}de3$ / $\mathbb{Q}ce3!$
 1. $\mathbb{Q}g4?$ [2. $\mathbb{Q}h3\#$]
 1... $\mathbb{Q}f1$ 2. $\mathbb{Q}h3+$
 1... e3 2. $\mathbb{Q}xd5$
 but 1... $\mathbb{Q}f2!$

#3

(9+12)

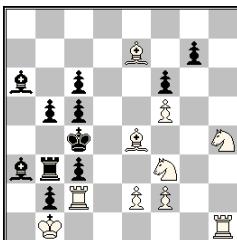
- 1. b7!** [2. $\mathbb{Q}xe5+$ $\mathbb{Q}xe5$ 3. b8 $\mathbb{Q}\#$, 2... $\mathbb{Q}xe5$ 3. $\mathbb{Q}e6\#$
 2. $\mathbb{Q}g1$ [3. $\mathbb{Q}h2\#$]
 1... d4 2. $\mathbb{Q}d5$ $\mathbb{Q}c$ ~ ($\mathbb{Q}d4??$) 3. $\mathbb{Q}e6\#$ (2. $\mathbb{Q}xe5+?$ $\mathbb{Q}xe5$ 3. b8 $\mathbb{Q}\#$ + $\mathbb{Q}d5\#$)
 1... e3 2. f6 h5 ($\mathbb{Q}e3??$) 3. $\mathbb{Q}f5\#$ (2. $\mathbb{Q}xe5+?$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}e6+$ $\mathbb{Q}e4!)$
 1... f2 2. $\mathbb{Q}g2$ ~ ($\mathbb{Q}f2??$) 3. $\mathbb{Q}h3\#$ (2. $\mathbb{Q}xe5+?$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}e6+$ $\mathbb{Q}f3!)$

Square vacation for another black piece vs. square vacation for another white piece

Three thematic tries. Refutation of thematic try is unplayable after the key due to the motive antiform: square occupation

Black defensive moves are doubly motivated, by square vacation and closing of a diagonal, to cope with both threats, but only the former motive is thematic

B026



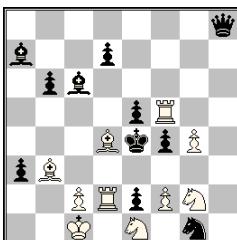
- 1. $\blacksquare d1!$ [2. $\blacksquare d4+$ $cxd4$ 3. $\blacksquare d2\#$]**
 1... $\blacksquare b4$ (for 2... $\blacksquare b5$) 2. $\blacksquare d3+$ $\blacksquare d5$ 3. $\blacksquare e4\#$
 1... $\blacksquare b4$ (for 2... $\blacksquare b3$) 2. $\blacksquare d2+$ $\blacksquare d4$ 3. $\blacksquare h3\#$
 1... $\blacksquare b4$ 2. $\blacksquare d4+$ $\blacksquare a5$ 3. $\blacksquare d8\#$

Black square vacation vs. white square vacation
 Black square vacation to provide a flight to the King. White square vacation to liberate that square for the mating piece.
 Three black pieces move to the same square.

‡3

(10+11)

B027



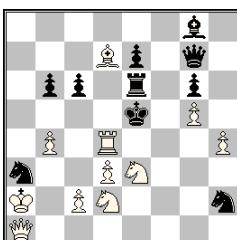
- 1... $exd4$ 2. $f3+$ $\blacksquare xf3$ 3. $\blacksquare xe2\#$
 1. $c3?$ $\blacksquare b5!$
 1. $c4?$ $\blacksquare a4!$
 1. $\blacksquare c3?$ $f3!/b5!$
1. $\blacksquare a1!$ [2. $f3+$ $\blacksquare xf3$ 3. $\blacksquare xe2\#$]
 (2. $c3?$ $\blacksquare h3!$, 2. $c4?$ $\blacksquare a4!$)
 1... $f3$ 2. $c3$ [3. $\blacksquare c2\#$] $\blacksquare a4/\blacksquare b5$ 3. $\blacksquare d5\#$
 1... $b5$ 2. $c4$ [3. $\blacksquare c2\#$] $\blacksquare h3$ 3. $\blacksquare xe5\#$

‡3

(10+11)

Interference vs. Interference

B028



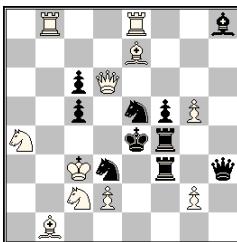
1. $\blacksquare c3?$ [2. $\blacksquare e4+$ $\blacksquare d6$ 3. $\blacksquare xc6\#$]
 1... $\blacksquare d6+$ 2. $\blacksquare c4+$ $\blacksquare d4$ 3. $\blacksquare xd4\#$
 1... $\blacksquare f6+$ 2. $\blacksquare d5+$ $\blacksquare f4$ 3. $\blacksquare e5\#$
 but 1... $c5!$
1. $\blacksquare e1!$ [2. $\blacksquare f5+$ $\blacksquare xf5$ 3. $\blacksquare e4\#$]
 1... $\blacksquare d6+$ 2. $\blacksquare d5+$ $\blacksquare xd4$ 3. $\blacksquare e4\#$
 1... $\blacksquare f6+$ 2. $\blacksquare ec4+$ $\blacksquare xd4$ 3. $\blacksquare e5\#$
 1... $\blacksquare xd4$ 2. $\blacksquare b3+$ $\blacksquare e5$ 3. $\blacksquare g3\#$
 1... $\blacksquare xc2$ 2. $\blacksquare xc2+$ $\blacksquare f5$ 3. $\blacksquare e4\#$
 1... $\blacksquare c4$ 2. $\blacksquare dxc4+$ $\blacksquare xd4$ 3. $\blacksquare a1\#$ - switchback

‡3

(11+10)

Thematic variations in try and solution with changed play
 Flight giving key

B029



1. $\blacksquare b8!$ [2. $\blacksquare d4+$ $cxd4+$ 3. $\blacksquare xd4\#$]

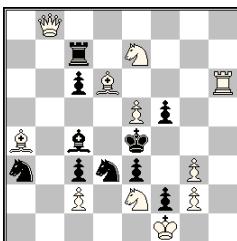
1... $\blacksquare d\sim$ + 2. $\blacksquare e3+A$ $\blacksquare ed3+3.\blacksquare f6\#B$, 2... $\blacksquare c2/d3$ 3. $\blacksquare xc5\#$
1... $\blacksquare e\sim$ + 2. $\blacksquare f6+B$ $\blacksquare de5+3.\blacksquare e3\#A$, 2... $\blacksquare e7/e5$ 3. $\blacksquare xc6\#$

Consecutive crosschecks, reciprocal exchange of W2/W3, exchange of places and switchback of both B \blacksquare

‡3

(11+10)

B030



1. $\blacksquare b4!$ [2. $\blacksquare xc3+$ $\blacksquare d4$ 3. $\blacksquare xf5\#$]

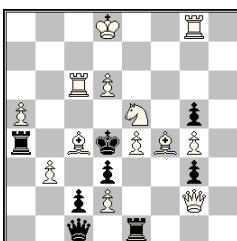
1... $\blacksquare d\sim$ ~ 2. $\blacksquare h4+f4$ 3. $\blacksquare xf4\#$
1... $\blacksquare xe5$ 2. $\blacksquare e6$ [3. $\blacksquare xe5\#$] $\blacksquare xe7$ 3. $\blacksquare xc6\#$, 2... $\blacksquare xc2$ 3. $\blacksquare xc2\#$
1... $\blacksquare f4$ 2. $\blacksquare h4$ [3. $\blacksquare xf4\#$] $\blacksquare xe7$ 3. $\blacksquare xc6\#$, 2... $\blacksquare xc2$ 3. $\blacksquare xc2\#$

Pin vs. Pin; pinning key

‡3

(11+10)

B031



1. $\blacksquare c8!$ [2. $\blacksquare c6+A$ $\blacksquare c5$ 3. $\blacksquare xg5\#B$]

1... $\blacksquare gxf4$ 2. $\blacksquare f3+C$ $\blacksquare xe4$ 3. $\blacksquare e8\#D$

1... $\blacksquare a1$ 2. $\blacksquare xg5 B$ [3. $\blacksquare c6\#A$] $\blacksquare xc4$ 3. $\blacksquare xc4\#$

1... $\blacksquare b2$ 2. $\blacksquare e8 D$ [3. $\blacksquare f3\#C$] $\blacksquare e3/\blacksquare f1$ 3. $\blacksquare e3\#$

1... $\blacksquare xa5$ 2. $\blacksquare d5$ [3. $\blacksquare f3\#/\blacksquare c4\#$] $\blacksquare xe4$ 3. $\blacksquare xe4\#$

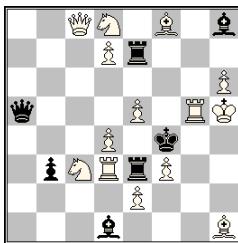
Battery creation of black is answered by battery creation of white
Transfer of the thematic white moves into mates

Four variations showing two reciprocal systems of 2nd/3rd move exchange

‡3

(13+8)

B032



- 1. ♜c6!** [2. ♜g4+ ♛f5 3. ♜g6#]
- 1... ♜7xe5 2. ♜d6 [3. ♜e6# A] (2. ♜d6? ♜Rxd3! 2. ♛c7? ♜xc7!)
2... ♜d5/ ♜xd8 3. ♜d5# B, 2... ♜xd3 3. ♜e4#
- 1... ♜3xe5 2. ♜d6 [3.e3#] (2. ♜c7? ♜xc7!)
2... ♜xe2 3. ♜xe2#
- 1... ♜xe5 2. ♜c7 [3. ♜d5# B] (2. ♜d6? ♜xd6!)
2... ♜xd7 3. ♜e6# A, 2... ♜xf3 3. ♜xf3#

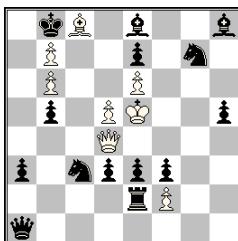
Black pinning vs. White pinning

Three different Black defences pinning W ♜g5. In reply Three different

#3 (14+7)

Dual avoidance play on W2 move, Pseudo Le Grand
Two pinmates including threat in each variation

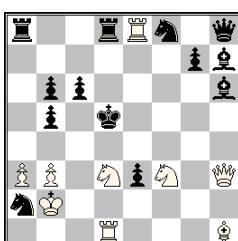
B033



- 1. ♜f4!** [2. ♜d4#]
- 1... ♜xe6+ 2. ♜xe6+ ♜e5 3. ♜xe5#
- 1... ♜f5+ 2. ♜xf5+ ♜e5 3. ♜xe5#
- 1... ♜xd5+ 2. ♜xd5+ ♜e5+ 3. ♜xe5#
- 1... ♜e4+ 2. ♜xe4+ ♜e5+ 3. ♜xe5#
- 1... exf2+ 2. ♜d4+ ♜e5 3. ♜xe5#

#3 (8+14)

B034



- 1. ♜c8!** [2. ♜b4+ ♛c5 3. ♜xc6#]
- 1... ♗g6+ 2. ♜fe5+ (♗de5+?) ♜d6 3. ♜xc6#, 2... ♜d4 3. ♜xc6#
- 1... ♗g5+ 2. ♜de5+ (♗fe5+?) ♜c5/ ♜d3 3. ♜xc6#, 2... ♜e4 3. ♜g4#

Two thematic variations with battery checks plus Bi-Valve

- 1... ♜xa3 2. ♜xd8+ (♜xd8+?) ♜d7 3. ♜xd7#
- 1... ♜e4 2. ♜xd8+ (♜xd8+?) ♜d7 3. ♜xd7#

Adabashev system

- (1... ♜xd3 2. ♜e5+ ♜d6 3. ♜xd3#
1... ♜axc8 2. ♜b4+ ♛c5 3. ♜a6# - changed mate from threat

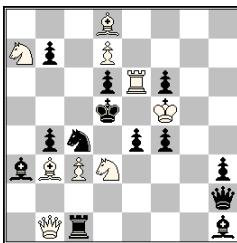
#3 (9+13)

Doubling of the theme in both variations.

Dual avoidance in Adabashev system

Good, longe range key with Queen sacrifice

B035

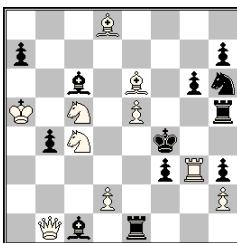


1. **♗b6!** [2. **♖xd6+** **♕xd6** 3. **d8 ♕#**
1... **bx_c3** 2. **♗xc4+** **♕xc4** 3. **♗b5#**
1... **f3** 2. **♗xb4+** **♕xb4** 3. **♗xe4#**

Line-openings vs. line-openings

‡3 (9+13)

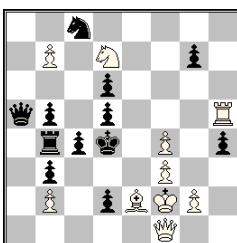
B036



1. **♗d3!** [2. **♖d4+** **♕e4** **♖e4** 3. **♗d3#**
1... **♖hx_e5** 2. **♗d6** [3. **♗g5#**] **♗f7** 3. **♗g4#**
1... **♖exe5** 2. **♗c7** [3. **♗e3#**] **♗f5** 3. **♗xe5#**, 2... **♗g4** 3. **♗xg4#**

‡3 (10+12)

B037



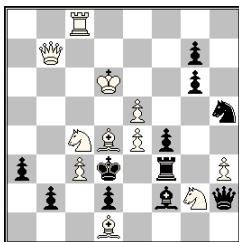
1. **♗xh4?** [2. **f5#**] **♕d8!**
1. **♗g1?** [2. **f1#**] **♕a1!**

1. **♗b1!** [2. **♖xd5+** **♕xd5** 3. **♗e4#**]
1... **♕a7** 2. **♗xh4** [3. **f5#**] **d1 ♗+** 3. **♖xd1#**, 2... **g5** 3. **fxg5#**
1... **♗b6** 2. **♗g1** [3. **f1#**] **d1 ♗/d1 ♗+** 3. **♖xd1#**
1... **g5** 2. **fxg5**

(1. **♗d1?** **c3**, 1. **b8 ♗?** **♗a7!**)

‡3 (10+12) Double white battery formation against black battery formation in a logical setting

B038



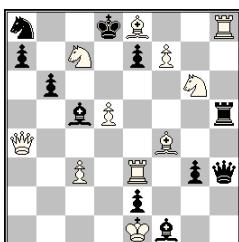
- 1... ♜g3 2.e6
 1... ♜e3 2.♕b3
1. ♜b5! [2. ♜ce3+ ♜xe4 3. ♜c2#]
 1... ♜e3 2. ♜c5 [3. ♜d6#] b1 ♜ 3. ♜xb1#
 1... ♜g3 2. ♜e7 [3. ♜d6#] b1 ♜ 3. ♜xb1#
 1... ♜xh3 2. ♜e6 [3. ♜d6#] b1 ♜ 3. ♜xb1#
 1... ♜xe4 2. ♜xd2+ ♜f5 3.e6#

Flight giving key, threefold theme (unblock of f3 vs. unblock of d6)

‡3

(11+11)

B039

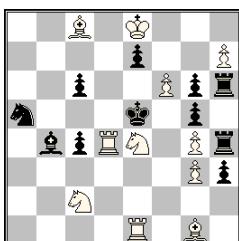


1. ♜xa7? ♜c8!
1. ♜c6! [2. ♜xa8+ ♜c8 3. ♜e6#]
 1... ♜d6 2. ♜e6 [3. ♜d7#] ♜xe6 3. ♜xe6#; 2... ♜c8 3. ♜d7#
 1... e5 2.dxe6 e.p. [3. ♜xa8#/爵d7#] ♜xe6 3. ♜xe6#
 1... ♜e5 2. ♜e6+ ♜xe6 3. ♜d7#, 2... ♜xe6 3. ♜xa8#/爵d7#
 1... ♜c8 2. ♜d7+ ♜xh8 3. ♜e6#

‡3

(11+11)

B040

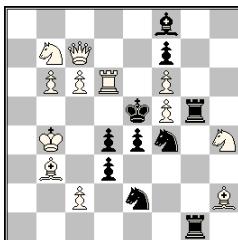


- 1. ♜f8!** [2. ♜d2+/2. ♜c3+ ♜xf6 a 3. ♜e6# A
 1... exf6+ 2. ♜d6+ ♜xe1 b 3. ♜f7# B
 1... e6+ 2. ♜c5+ ♜xf6 a 3. ♜e6# A
 2... ♜xe1 b 3. ♜d7# C
 1... ♜xg4 2. ♜f2+ ♜xf6 a, ♜xe1 b, ♜e4 3. ♜g4# D
 1... ♜xe1 2. ♜xe1 [3. ♜f3#]

‡3

(11+11)

B041



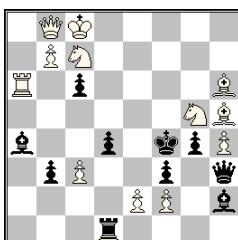
1. $\mathbb{Q}b5?$ [2. $\mathbb{Q}e6\#$] $\mathbb{Q}c3+!$
 1. $\mathbb{Q}a5?$ [2. $\mathbb{Q}e6\#$] $\mathbb{Q}a1+!$
 1. $\mathbb{Q}c4?$ [2. $\mathbb{Q}e6\#$] $\mathbb{Q}xf5!$
- 1. $\mathbb{Q}b8!$ [2. $\mathbb{Q}e8+$ $\mathbb{Q}e7$ 3. $\mathbb{Q}xe7\#$]**
 1... $\mathbb{Q}g3$ 2. $\mathbb{Q}b5$ [3. $\mathbb{Q}e6\#$] $\mathbb{Q}xd6$ 3. $\mathbb{Q}xd6\#$
 1... $\mathbb{Q}1g3$ 2. $\mathbb{Q}a5$ [3. $\mathbb{Q}e6\#$] $\mathbb{Q}xd6$ 3. $\mathbb{Q}xd6\#$
 1... $\mathbb{Q}5g3$ 2. $\mathbb{Q}c4$ [3. $\mathbb{Q}e6\#$] $\mathbb{Q}xd6$ 3. $\mathbb{Q}xd6\#$
 (1... $\mathbb{Q}e7$ 2. $\mathbb{Q}xe7$ $\mathbb{Q}g8$ 3. $\mathbb{Q}e6\#$)

‡3

(12+10)

Unpin by Black of a black piece on the first move, unpin by White of a white piece on the second move

B042



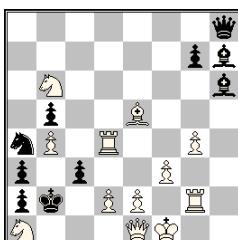
- 1. $\mathbb{Q}d7!$ [2. $\mathbb{Q}f8+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}g7\#$]**
 1... $\mathbb{Q}g3+$ 2. $\mathbb{Q}ce6+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}f4\#$
 1... $\mathbb{Q}c5+$ 2. $\mathbb{Q}b5+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}g6\#$
 1... $\mathbb{Q}dx3+$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}f5$ 3. $e4\#$
1. $e4?$ $dxe3$ e.p.!

In three variations White replies with battery check to the battery check

‡3

(12+10)

B043



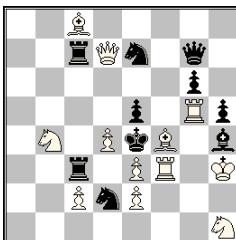
1. $\mathbb{Q}c4?$ [2. $\mathbb{Q}xa4+$ $bxa4$ 3. $\mathbb{Q}xc3\#$]
 but 1... $\mathbb{Q}xd2!$
- 1. $\mathbb{Q}d8!$ [2. $\mathbb{Q}xa4+$ $bxa4$ 3. $\mathbb{Q}xc3\#$]**
 1... $\mathbb{Q}g6$ 2. $\mathbb{Q}e3$ $\mathbb{Q}xe3$ 3. $dxe3\#$, 2... $\mathbb{Q}xe5$ 3. $\mathbb{Q}xc3\#$, 2... $\mathbb{Q}g5$ 3. $d3\#$
 1... $\mathbb{Q}g5$ 2. $\mathbb{Q}e4$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}xc3\#$, 2... $\mathbb{Q}xe4$ 3. $d3\#$
 1... $\mathbb{Q}xd2$ 2. $\mathbb{Q}xd2+$ $\mathbb{Q}c2$ 3. $\mathbb{Q}xc2\#$

Black opens a black line vs. White opens a white line
 Reciprocal closure of black lines (when Black closes the line of a bishop, White closes the line of the other bishop).
 Reciprocal moves: single-step black Pawn vs. single-step white Pawn ($g6/e3$) and double-step black Pawn vs. double-step white Pawn ($g5/e4$)

‡3

(12+10)

B044



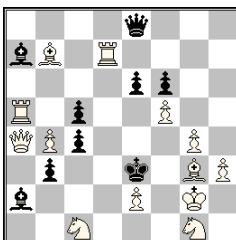
- 1. ♘a6!** [2. ♖d3+ ♗xd3 3. cxd3#]
 1... ♗c4 2. ♗gg3 [3. ♗f2#] ♗xg3 3. ♗xg3#
 1... ♗c4 2. ♗fg3 [3. ♗f2#] ♗xg3 3. ♗xg3#
 1... ♗c4 2. ♗g3 [3. ♗f2#] ♗xg3 3. ♗xg3#

Three variations showing line closing of a white bishop on the same square answered by line closing of a black bishop on the same square

‡3

(12+10)

B045



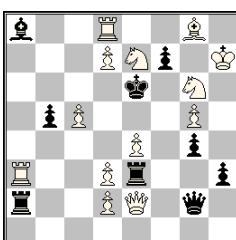
- 1. ♗f3!** [2. ♗f2+ ♔f4 3. e3#]
 1... cxb4 2. ♗e5+ fxe5 3. ♗xa7#
 1... exf5 2. ♗d3+ cxd3 3. ♗xe8#

Line-opening twice. On the mating move White exploits the black line-opening

‡3

(13+9)

B046



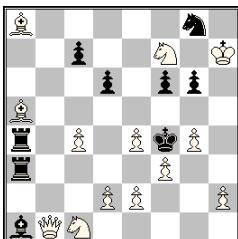
- 1. d4!** [2. ♗f8+ ♗xe7 3. ♗e8#]
 1... ♗xe4 2. ♗xe3 (2. ♗xe3?) [3. d5#] ♗xd2 3. ♗a6#, 2... ♗xd2 3. ♗xe4#
 1... ♗xe4 2. ♗xe3 (2. ♗xe3?) [3. ♗xg4#]

Pin vs pin and also capture vs capture
Dual avoidance

‡3

(13+9)

B047

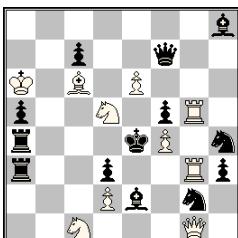


‡3

(13+9)

- 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xc3$, 1... $\mathbb{Q}b3$ 2. $\mathbb{Q}xb3$, 1... $g5$ 2. $e5$
 1. $\mathbb{Q}c3?$ [2. $\mathbb{Q}d3\#$] $\mathbb{Q}xc3!$
 1. $e5?$ [2. $\mathbb{Q}e4\#$]
 1... $d5/\mathbb{Q}xc4$ 2. $\mathbb{Q}xg6$
 but 1... $f5!$
 1. $\mathbb{Q}d3!$ [2. $e3+\mathbb{Q}xf3$ 3. $\mathbb{Q}e2\#$]
 1... $c6$ 2. $\mathbb{Q}c3$ [3. $\mathbb{Q}e3\#/\mathbb{Q}xd6\#$]
 1... $d5$ 2. $\mathbb{Q}c3$ [3. $\mathbb{Q}d3\#/\mathbb{Q}xc7\#$]
 1... $\mathbb{Q}d4$ 2. $e5$ [3. $\mathbb{Q}xd4\#/\mathbb{Q}e4\#$] $\mathbb{Q}xd3$ 3. $\mathbb{Q}xd3\#$

B048



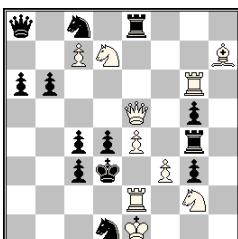
‡3

(10+13)

1. $\mathbb{Q}c5!$ [2. $\mathbb{Q}e3+\mathbb{Q}xe3$ 3. $\mathbb{Q}xe3\#$]
 1... $\mathbb{Q}f3$ (line-closing for $\mathbb{Q}g3$) 2. $\mathbb{Q}f6+$ (line-closing for $\mathbb{Q}f7$) $\mathbb{Q}xf4$
 3. $\mathbb{Q}xf5\#$
 1. $\mathbb{Q}f3$ (line-closing for $\mathbb{Q}g3$) 2. $\mathbb{Q}c3+$ (line-closing for $\mathbb{Q}a3$) $\mathbb{Q}xf4$
 3. $\mathbb{Q}d4$
 1... $\mathbb{Q}d4$ (line-closing for $\mathbb{Q}c5$) 2. $\mathbb{Q}f6+$ (line-closing for $\mathbb{Q}h8$) $\mathbb{Q}xf4$
 3. $\mathbb{Q}xd4\#$
 1... $\mathbb{Q}d4$ (line-closing for $\mathbb{Q}c5$) 2. $\mathbb{Q}b4+$ (line-closing for $\mathbb{Q}a4$) $\mathbb{Q}xf4$
 3. $\mathbb{Q}xd4\#$

Two pairs of variations. In the defences Black close the lines for W $\mathbb{Q}g3$ and W $\mathbb{Q}c5$. On the second move, white battery plays, closing lines for four different black pieces

B049



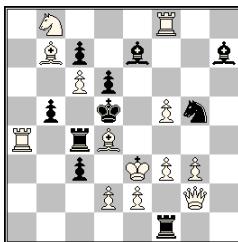
‡3

(10+13)

1. $\mathbb{Q}a5!$ [2. $\mathbb{Q}d2+\mathbb{Q}xd2$ 3. $\mathbb{Q}xd2\#$]
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}xb6$ [3. $\mathbb{Q}c5\#$] $\mathbb{Q}e5$ 3. $\mathbb{Q}xe5\#$
 1... $\mathbb{Q}gxe4$ 2. $\mathbb{Q}xg5$ [3. $\mathbb{Q}f4\#$] $\mathbb{Q}f8$ 3. $\mathbb{Q}e5\#$
 1... $\mathbb{Q}exe4$ 2. $\mathbb{Q}c6$ [3. $\mathbb{Q}e5\#$]

Black pins the w $\mathbb{Q}e2$ by three line pieces on the e4-square; then these pieces are pinned by White on the second move

B050

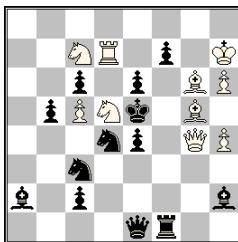


- 1. ♕d3!** [2.e4+ ♔xe4 3.fxe4#]
 1... ♖xf5+ 2. ♜xf5+ ♔e6 3. ♖c8#
 1... ♖xf3+ 2. ♜xf3+ ♖xf3 3.e4#, 2... ♔e4 3. ♜xe4#
 1... ♖xd4+ 2. ♜xd4+ ♔c5/♔e5 3. ♖d7#
 1... ♖e1 2.f4+ ♖f3 3. ♜xf3#, 2... ♔e4 3. ♜xe4#

‡3

(13+10)

B051



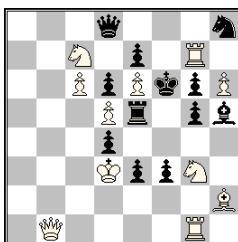
- 1. ♖f6!** [2. ♜d5+ ~xd5 3. ♖d7#]
 1... ♖f3 2. ♜f4+ ♖xf4 3. ♖g4#
 1... ♖de2 2. ♜xe4+ ♖xe4 3. ♖g4#
 1... ♖b3 2. ♜xe6+ fxe6 3. ♖g4#
 1... ♖f5 2. ♜d3 [3. ♖d7#]
 1... ♖xf6 2. ♖xf6+ ♖xf6 3. ♖g5#

Unblock vs. unblock. The key and threat are also unblocks

‡3

(10+13)

B052



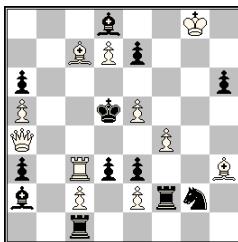
1. ♔c4? [2. ♜f5+ ♖xf5 3. ♖e4#, 2... gxf5 3. ♖xh5#]
 1... ♖e4 2. ♖xe4+ ♖f5 3. ♖xg5#
 or 2. ♜xe4 [3. ♜xd4#] ♖f7 3. ♖xf7#, 2... g4 3. ♜f4#
 1... ♖g4 2. ♜xg6+ ♖xg6 3. ♖f7#
 but 1...d3!

1. ♖xd4! [2. ♜f5+ ♖xf5 3. ♖e4#
 2... gxf5 3. ♖xh5#]
 1... ♖e4+ 2. ♖xe4+ ♖f5 3. ♖xg5#
 1... ♖xd5+ 2. ♖xd5+ ♖xe6 3. ♖e4#
 1... ♖g4 2. ♜xg6+ ♖xg6 3. ♖f7#

‡3

(11+12)

B053



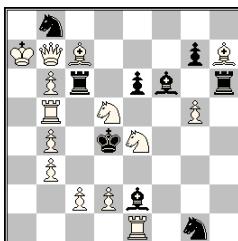
1. $\mathbb{Q}b4?$ [2. $\mathbb{Q}c5\#$] $\mathbb{Q}xc2!$
 1. $\mathbb{Q}f5?$ [2. $\mathbb{Q}e4\#$] $\mathbb{Q}xf4!$
 1. $\mathbb{Q}c6?$ [2. $\mathbb{Q}e6\#$] $\mathbb{Q}xf4!$
- 1. $\mathbb{Q}h7!$ [2. $\mathbb{Q}c6+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}xd3\#$]**
 1... $\mathbb{Q}d1$ 2. $\mathbb{Q}b4$ [3. $\mathbb{Q}c5\#$] **ABC**
 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}f5$ [3. $\mathbb{Q}e4\#$] **BCA**
 1... $\mathbb{Q}e1$ 2. $\mathbb{Q}c6$ [3. $\mathbb{Q}e6\#$] **CAB**

Direct guard of mate square vs. Direct guard of mate square

#3 (11+12)

Cycle of white pieces \mathbb{Q} \mathbb{Q} \mathbb{Q} (**ABC**): **A** - guards own thematic square and another thematic square, **B** - mates, **C** - guards only own thematic square (e4 for \mathbb{Q} , c5 for \mathbb{Q} , e6 for \mathbb{Q})

B054



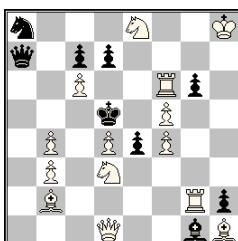
- 1. $\mathbb{Q}f4!$ [2. $\mathbb{Q}xe6+$ **A** $\mathbb{Q}xe6$ 3. $\mathbb{Q}d5\#$ /3. $\mathbb{Q}d5\#$]**
 1... $\mathbb{Q}xb5$ 2.c3+ **B** $\mathbb{Q}xc3$ 3.dxc3#
1...g6 2. $\mathbb{Q}d6$ [3. $\mathbb{Q}xe6\#$ **A]**
 2... $\mathbb{Q}xd6$ **a** 3.c3# **B**
2... $\mathbb{Q}c5$ **b 3. $\mathbb{Q}e4\#$ **C****
 2... $\mathbb{Q}g4$ 3. $\mathbb{Q}e4\#$
1... $\mathbb{Q}g6$ 2. $\mathbb{Q}c5$ [3.c3# **B]**
 2... $\mathbb{Q}d6$ **a** 3. $\mathbb{Q}e4\#$ **C**
 2... $\mathbb{Q}xc5$ **b** 3. $\mathbb{Q}xe6\#$ **A**
 2... $\mathbb{Q}xc7$ 3. $\mathbb{Q}xe6\#$

#3

(14+9) Theme F interferences vs. interferences vs. interferences, Shedey cycle

- 1... $\mathbb{Q}xc2$ 2. $\mathbb{Q}d5/\mathbb{Q}d5+$ exd5 3. $\mathbb{Q}xd5\#/\mathbb{Q}xd5\#$

B055

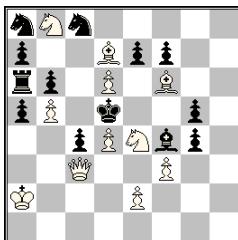


1. $\mathbb{Q}gxg6?$ [2. $\mathbb{Q}d6+$ cxd6 3. $\mathbb{Q}xd6\#$]
1... $\mathbb{Q}xd4$ **a 2. $\mathbb{Q}f2$ **A** [3. $\mathbb{Q}xe4\#$]**
1... $\mathbb{Q}xd4$ **b 2. $\mathbb{Q}c5$ **B** [3. $\mathbb{Q}xe4\#$]**
 but 1... $\mathbb{Q}b8!$
- 1. $\mathbb{Q}c2!$ [2. $\mathbb{Q}d6+$ cxd6 3. $\mathbb{Q}f6\#$]**
 1... $\mathbb{Q}xd4$ **a** 2. $\mathbb{Q}c5$ **B** $\mathbb{Q}xc5$ 3. $\mathbb{Q}xc5\#$
 1... $\mathbb{Q}xd4$ **b** 2. $\mathbb{Q}f2$ **A** $\mathbb{Q}xf2$ 3. $\mathbb{Q}c5\#$
 1... $gx f5$ 2. $h5$ $\mathbb{Q}xd4/\mathbb{Q}xd4$ 3. $\mathbb{Q}f7\#$

#3

(14+9) Reciprocal change with pins

B056



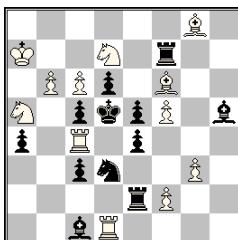
‡3

(11+13)

1. $\mathbb{Q}a3?$ $e5!$
 1. $\mathbb{Q}xe7?$ $\mathbb{Q}xe7!$
- 1. $\mathbb{Q}c6!$** ($gxf3$) [2. $\mathbb{Q}d8$ [3. $\mathbb{Q}c6\#$] $\mathbb{Q}xe4$ 3. $\mathbb{Q}xf3\#$]
 (2. $\mathbb{Q}a3?$ $\mathbb{Q}d2!$, 2. $\mathbb{Q}xe7?$ $\mathbb{Q}e5!$)
 1... $exd6$ 2. $\mathbb{Q}d2$ - 2... $\mathbb{Q}xd2$ 3. $\mathbb{Q}e4\#$, 2... $\mathbb{Q}e3$ 3. $\mathbb{Q}xc4\#$
 (2. $\mathbb{Q}e-?$ $\mathbb{Q}e3!$, 2. $\mathbb{Q}e3?$ $c3!$)
 1... $e6$ 2. $\mathbb{Q}e5$ - 2... $\mathbb{Q}xe5$ 3. $\mathbb{Q}c6\#$, 2... $\mathbb{Q}e7$ 3. $\mathbb{Q}xc4\#$
 1... $exf6$ 2. $\mathbb{Q}a3$ - 2... $\mathbb{Q}e5$ 3. $\mathbb{Q}c3\#$, 2... $\mathbb{Q}d2$ 3. $\mathbb{Q}xf6\#$ (2... $c3$ 3. $\mathbb{Q}b3\#$)
 1... $e5$ 2. $\mathbb{Q}e7$ - 3. $\mathbb{Q}f6\#$, 2... $\mathbb{Q}xe7$ 3. $\mathbb{Q}xe7\#$, 2... $exd4$ 3. $\mathbb{Q}xd4\#$
 (2. $dxe5?$ 3. $\mathbb{Q}d4\#$, 2... $\mathbb{Q}e3!$)

Fourfold vacation of the square e7 (Pickaninny) is answered with vacation of four different squares

B057

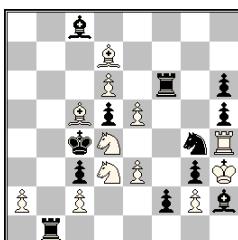


‡3

(12+12)

1. $b7?$ [2. $\mathbb{Q}b6\#$] $\mathbb{Q}b2!$
 1. $\mathbb{Q}e7?$ [2. $\mathbb{Q}f6\#$] $\mathbb{Q}g5!$
- 1. $\mathbb{Q}g4!$** [$2.gxh5$ [3. $\mathbb{Q}xf7\#$]]
 1... $\mathbb{Q}d2$ 2. $b7$ [3. $\mathbb{Q}b6\#$]
 1... $\mathbb{Q}d2$ 2. $\mathbb{Q}e7$ [3. $\mathbb{Q}f6\#$]
 1... $\mathbb{Q}g6$ 2. $fxg6$ [3. $\mathbb{Q}xf7\#$]

B058

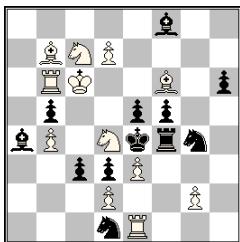


‡3

(12+12)

- 1. $\mathbb{Q}a4!$** [2. $\mathbb{Q}b3+$ $\mathbb{Q}xb3$ 3. $axb3\#$]
 1... $\mathbb{Q}xe3+$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}g4$ 3. $\mathbb{Q}e3\#$
 2... $d4$ 3. $\mathbb{Q}xd4\#$
- 1... $\mathbb{Q}xe5+$ 2. $\mathbb{Q}e6+$ $\mathbb{Q}g4$ 3. $\mathbb{Q}e5\#$
 2... $\mathbb{Q}f4$ 3. $\mathbb{Q}xe5\#$
 2... $d4$ 3. $\mathbb{Q}xd4\#$

B059



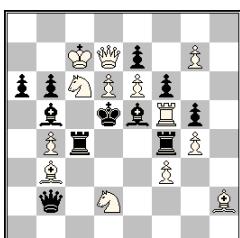
#3

(12+12)

1. $\mathbb{Q}de6!$ [2. $\mathbb{Q}c5+$ $\mathbb{Q}xc5$ 3. $\mathbb{Q}xc5\#$]
 1... $\mathbb{Q}dxe3$ (2. $\mathbb{Q}c5+?$ $\mathbb{Q}d4!$) 2. $\mathbb{Q}xb5$ [3. $\mathbb{Q}c7\#$] (2. $\mathbb{Q}:b5?$ $\mathbb{Q}b3$)
 2... $\mathbb{Q}b3$ 3. $\mathbb{Q}xc3\#$, 2... $\mathbb{Q}d6$ 3. $\mathbb{Q}xd6\#$, 2... $\mathbb{Q}xb5+$ 3. $\mathbb{Q}xb5\#$ A
 2... $\mathbb{Q}xf6$ 3. $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}gxe3$ (2. $\mathbb{Q}c5+?$ $\mathbb{Q}d4!$) 2. $\mathbb{Q}xb5$ [3. $\mathbb{Q}b6\#$] (2. $\mathbb{Q}:b5?$ $\mathbb{Q}b3$)
 2... $\mathbb{Q}b3$ 3. $\mathbb{Q}xe3\#$, 2... $\mathbb{Q}c5$ 3. $\mathbb{Q}xc5\#$, 2... $\mathbb{Q}xb5+$ 3. $\mathbb{Q}xb5\#$ A
 1... $\mathbb{Q}b3$ 2. $\mathbb{Q}xb5+$ A 3. $\mathbb{Q}xd5$ 3. $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}exf4+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}xe3\#$
1. $\mathbb{Q}ce6?$ [2. $\mathbb{Q}c7\#$]
 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}exf4+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}xe3\#$
 but 1... $\mathbb{Q}b3!$
 1.d8 $\mathbb{Q}?$ [2. $\mathbb{Q}d5\#$ /2. $\mathbb{Q}d7\#$] $\mathbb{Q}xf6!$

Black defends by releasing d4 for the B \mathbb{Q} 's arrival (2. $\mathbb{Q}c5+?$ $\mathbb{Q}d4!$); White attacks by releasing c7 or b6 for the W \mathbb{Q} 's arrival. The harmful effect of the defences is also matched: the black-self-pin is utilized for royal battery pin mates (including the W \mathbb{Q} 's cross); the white self-pin is utilized to prevent mate until the unpinning defence 1... $\mathbb{Q}b3$. Reciprocal dual avoidance at W2 moves

B060



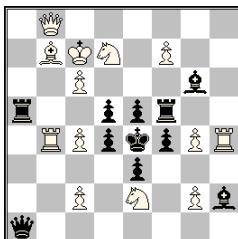
#3

(13+11)

- 1.g8 $\mathbb{Q}?$ $\mathbb{Q}xc6!$
 1. $\mathbb{Q}xe5+?$ $\mathbb{Q}xe5!$
 1. $\mathbb{Q}xc4+?$ $\mathbb{Q}xc4!$
1. $\mathbb{Q}g1!$ [2.g8 \mathbb{Q} [3. $\mathbb{Q}gxe7\#$]]
 1... $\mathbb{Q}xb3$ 2. $\mathbb{Q}xe5+$ $\mathbb{Q}xe5$ 3. $dxe7\#$
 1... $\mathbb{Q}xf5$ 2. $\mathbb{Q}xc4+$ $\mathbb{Q}xc4$ 3. $\mathbb{Q}xe7\#$
 1... $\mathbb{Q}xc6$ 2. $\mathbb{Q}xc6+$ $\mathbb{Q}xe6$ 3. g8 $\mathbb{Q}/\mathbb{Q}\#$

In two thematic variations capture-unpins are answered by capture-unpins; e7 is occupied by 3 different pieces on White's 3rd move in these variations and the threat

B061



1. $\mathbb{Q}d8?$ [2. $\mathbb{Q}xe5+$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}f6\#$]
 1... $d3$ 2. $c5+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}c3\#$, 2... $d4$ 3. $c7\#$
 1... $f3$ 2. $g5+$ $\mathbb{Q}f4$ 3. $\mathbb{Q}g3\#$, 2... $\mathbb{Q}f4$ 3. $\mathbb{Q}xe5\#$
 but 1... $dxc4$!

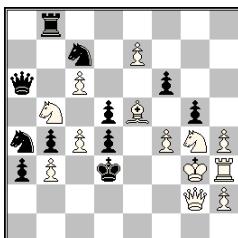
1. $\mathbb{Q}c8!$ [2. $\mathbb{Q}xe5+$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}f6\#$]
 1... $d3$ 2. $c5+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}c3\#$, 2... $d4$ 3. $c7\#$
 1... $f3$ 2. $g5+$ $\mathbb{Q}f4$ 3. $\mathbb{Q}g3\#$, 2... $\mathbb{Q}f4$ 3. $\mathbb{Q}xe5\#$
 1... $dxc4$ 2. $c7+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}c5\#$

#3

(13+11)

White line openings against black openings
 Pin mates in each variation
 3-fold setting of the required theme

B062



1... $\mathbb{Q}xb5$ 2. $\mathbb{Q}xf6$ [3. $\mathbb{Q}g4\#$] $gxf4+$ 3. $\mathbb{Q}xf4\#$, 2... $\mathbb{Q}c3/\mathbb{Q}e3$ 3. $\mathbb{Q}g4\#$
 1... $fxe5$ 2. $\mathbb{Q}xe5+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}g4\#$

1. $\mathbb{Q}xf6!$ [2. $\mathbb{Q}e5+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}g4\#$]
 1... $\mathbb{Q}xb5$ 2. $hxg5$ [3. $\mathbb{Q}h4\#$ A] $\mathbb{Q}c3$ 3. $\mathbb{Q}h4\#$ (2. $\mathbb{Q}e5?$ $\mathbb{Q}c3!$)
 1... $\mathbb{Q}xb5$ 2. $fxg5$ [3. $\mathbb{Q}f4\#$ B] $\mathbb{Q}c3$ 3. $\mathbb{Q}f4\#$ (2. $\mathbb{Q}e5?$ $\mathbb{Q}c3!$)
 1... $\mathbb{Q}xb5$ 2. $\mathbb{Q}h6$ [3. $\mathbb{Q}g4\#$ C] $\mathbb{Q}c3/\mathbb{Q}e3$ 3. $\mathbb{Q}g4\#$ (2. $\mathbb{Q}e5?$ $\mathbb{Q}c3!$)

Black provides a flight square for his king is answered by white providing a flight square for his king

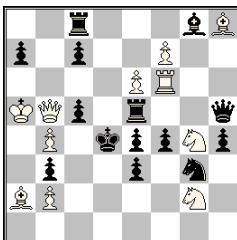
#3

(13+11)

1... $\mathbb{Q}c8$ 2. $\mathbb{Q}xd4$ [3. $\mathbb{Q}c2\#$]
 2... $gxh4+$ 3. $\mathbb{Q}xh4\#$ A
 2... $gxf4+$ 3. $\mathbb{Q}xf4\#$ B
 2... $\mathbb{Q}xg4+$ 3. $\mathbb{Q}xg4\#$ C
 2... $\mathbb{Q}c3$ 3. $\mathbb{Q}c2\#$

All thematic white king moves appear again in an extra variation

B063



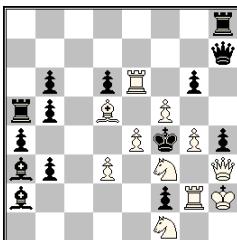
1. **Qe1!** [2. $\mathbb{Q}c2+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xc5\#$; 2... $bxc2$ 3. $\mathbb{Q}c4\#$]
 1... $c4$ 2. $\mathbb{Q}h6$ [3. $\mathbb{Q}c5\#$] $c5$ 3. $\mathbb{Q}d7\#$
 1... $cxb4$ 2. $\mathbb{Q}xf4$ [3. $\mathbb{Q}f3\#$] $\mathbb{Q}xg4$ 3. $\mathbb{Q}xe5\#$, 2... $c5$ 3. $\mathbb{Q}d3\#$

Pins vs. pins

‡3

(11+14)

B064



1. $\mathbb{Q}d4?$ $\mathbb{Q}c1!$
 1. $\mathbb{Q}3d2?$ $\mathbb{Q}c5!$
 1. $g5?$ $\mathbb{Q}h5!$

 1. **Qh1!** [2. $e5$ [3. $\mathbb{Q}h2\#$]]
 1... $b2$ 2. $\mathbb{Q}d4$ [3. $\mathbb{Q}e3\#$]
 1... $b4$ 2. $\mathbb{Q}3d2$ [3. $\mathbb{Q}e3\#$]
 (1... $\mathbb{Q}b7$ 2. $g5$ [3. $\mathbb{Q}g4\#/\mathbb{Q}g4\#$] $gx5$ 3. $\mathbb{Q}xf5\#$)

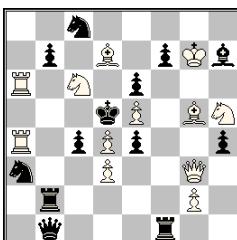
 1. $e5?$ [2. $\mathbb{Q}h1$ [3. $\mathbb{Q}h2\#$] $e4$ 3. $\mathbb{Q}:e4\#$] $\mathbb{Q}b7!$

‡3

(11+14)

White threatens with line opening - black defends with line opening - white replies with line opening. Mutual closing of black lines unite the play

B065



1. $\mathbb{Q}e3?$ [2. $\mathbb{Q}e7+$ $\mathbb{Q}xe7$ 3. $\mathbb{Q}d6\#$]
 1... $\mathbb{Q}b6$ a 2. $\mathbb{Q}f4 A$ [3. $\mathbb{Q}f6\#$] $\mathbb{Q}xf4$ 3. $\mathbb{Q}xf4\#$
 1... $b6$ b 2. $\mathbb{Q}f4 B$ [3. $\mathbb{Q}f6\#$] $\mathbb{Q}xf4$ 3. $\mathbb{Q}xf4\#$
 but 1... $exd3!$

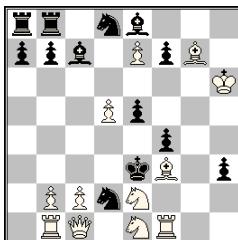
 1. **Qe3!** [2. $\mathbb{Q}e7+$ $\mathbb{Q}xe7$ 3. $\mathbb{Q}d6\#$]
 1... $\mathbb{Q}b6$ a 2. $\mathbb{Q}f4 B$ [3. $\mathbb{Q}f6\#$] $\mathbb{Q}xf4$ 3. $\mathbb{Q}xf4\#$
 1... $b6$ b 2. $\mathbb{Q}f4 A$ [3. $\mathbb{Q}f6\#$] $\mathbb{Q}xf4$ 3. $\mathbb{Q}xf4\#$

Reciprocal change with interference

‡3

(12+13)

B066



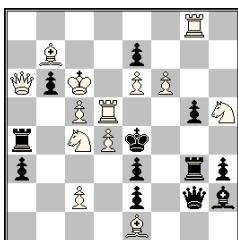
- 1.b4? [2. $\mathbb{Q}b3\#$] $\mathbb{Q}a4!$
 1.c4? [2. $\mathbb{Q}c3\#$] $\mathbb{Q}a5!$
- 1. $\mathbb{Q}f6!$ [2. $\mathbb{Q}h4$ [3. $\mathbb{Q}f2\#$]]**
1...a5 2.c4 [3. $\mathbb{Q}c3\#$]
1...b5 2.b4 [3. $\mathbb{Q}b3\#$]
1. $\mathbb{Q}a1?$ [2. $\mathbb{Q}a3\#$] $\mathbb{Q}d6!$

Two pairs of pawn Bristols

‡3

(12+13)

B067



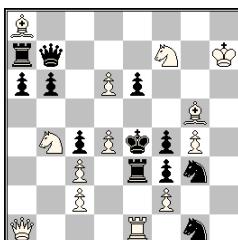
1. $\mathbb{Q}gd8$? **A** [2. $\mathbb{Q}c7$ **B** $\mathbb{Q}f3+$ / $\mathbb{Q}g4+$ 3. $\mathbb{Q}e5\#$]
1... $\mathbb{Q}f3$ 2. $\mathbb{Q}d6+$ exd6 3. $\mathbb{Q}d3\#$ (2. $\mathbb{Q}d2+?$)
1... $\mathbb{Q}g4$ 2. $\mathbb{Q}d2+$ exd2 3. $\mathbb{Q}d3\#$ (2. $\mathbb{Q}d6+?$)
1... $\mathbb{Q}f3$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}d3\#$
 but 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}c7$ $\mathbb{Q}xd4!$
- 1. $\mathbb{Q}c7!$ **B** [2. $\mathbb{Q}gd8$ **A** $\mathbb{Q}f3+$ / $\mathbb{Q}g4+$ 3. $\mathbb{Q}e5\#$]**
1... $\mathbb{Q}f3$ + 2. $\mathbb{Q}e5+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}d8\#$ **A**
1... $\mathbb{Q}g4+$ 2. $\mathbb{Q}d6+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}xe3+$
 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}d6+$ exd6 3. $\mathbb{Q}d3\#$, 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}xc4$ $\mathbb{Q}f3$ 3. $\mathbb{Q}dxg5\#$

‡3

(13+12)

Thematic variations in try and solution with changed play. Changed tactical motives: line activations in try vs. battery checks in solution.
 Reversal 2 in specific threemover form with quiet threat

B068



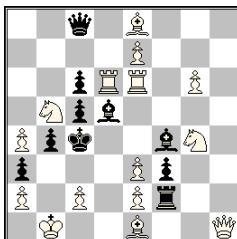
- 1. $\mathbb{Q}d1!$ [2. $\mathbb{Q}d3+$ cxd3 3. cxd3#]**
1... $\mathbb{Q}1e2$ 2. $\mathbb{Q}e7$ [3. $\mathbb{Q}g5\#$] $\mathbb{Q}xd4$ 3. $\mathbb{Q}xd4\#$
1... $\mathbb{Q}3e2$ 2. $\mathbb{Q}d7$ [3. $\mathbb{Q}d6\#$] $\mathbb{Q}xd4$ 3. $\mathbb{Q}xd4\#$

Unpin twice

‡3

(13+12)

B069



1. **h8!** [2. \mathbb{Q} xa3+ bxa3 3. \mathbb{Q} c3#]

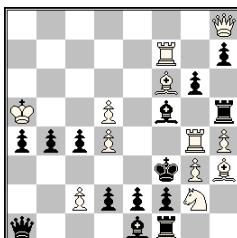
1... \mathbb{Q} b7 2. \mathbb{Q} h4 [3. \mathbb{Q} e5# A] \mathbb{Q} e4 3. \mathbb{Q} xe4# B (2. \mathbb{Q} g8? \mathbb{Q} xe7!)
1... \mathbb{Q} b8 2. \mathbb{Q} g8 [3. \mathbb{Q} e4# B] \mathbb{Q} e5 3. \mathbb{Q} xe5# A, 2... \mathbb{Q} xe6 3. \mathbb{Q} xe6#
(2. \mathbb{Q} h4? \mathbb{Q} xd6!, 2. \mathbb{Q} f7? \mathbb{Q} xh8!)

The black \mathbb{Q} sets up two direct masked batteries, and White replies by also setting up two direct masked batteries with his \mathbb{Q} , leading to dual avoidance and pseudo le Grand

‡3

(15+10)

B070



1. **d6!** [2. \mathbb{Q} a8+ \mathbb{Q} e4+ 3. \mathbb{Q} g5#]

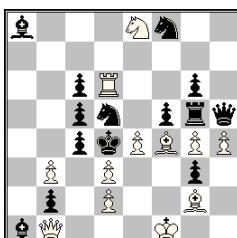
1... \mathbb{Q} xg4+ 2. \mathbb{Q} e5+ \mathbb{Q} f5/ \mathbb{Q} f5/ \mathbb{Q} e4 3. \mathbb{Q} a8#
1... \mathbb{Q} e6+ 2. \mathbb{Q} g5+ \mathbb{Q} f5 3. \mathbb{Q} a8#, 2... \mathbb{Q} xf7 3. \mathbb{Q} f6#
1... \mathbb{Q} f~ 2. \mathbb{Q} g5+ \mathbb{Q} f5 3. \mathbb{Q} a8#
1... \mathbb{Q} xd4 2. \mathbb{Q} xd4 [3. \mathbb{Q} a8#]

1. \mathbb{Q} a8? \mathbb{Q} :d4 2. \mathbb{Q} :d4 ~ 3. d6#
but 1... \mathbb{Q} e6! \mathbb{Q} g5+ \mathbb{Q} :f7!

1. \mathbb{Q} b8? \mathbb{Q} :d4 2. \mathbb{Q} :d4 g5 3. \mathbb{Q} :f5#
but 1...g5!

1. \mathbb{Q} e8? \mathbb{Q} :d4 2. \mathbb{Q} :d4 d1 \mathbb{Q} 3. \mathbb{Q} e4#
but 1...d1 \mathbb{Q} !

B071



1. **\mathbb{Q} c7!** [2. \mathbb{Q} xd5+ cxd5 3. \mathbb{Q} b5#]

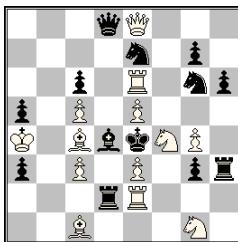
1...fxe4 2. **dxc4** [3. \mathbb{Q} xe4#] \mathbb{Q} e5 3. \mathbb{Q} e3#
1...fxg4 2. **\mathbb{Q} e2** [3. \mathbb{Q} g1#] cxd3+ 3. \mathbb{Q} xd3#

Line openings vs. line openings with quiet continuations

‡3

(12+14)

B072



1. **Wf7!** [2.exd4+ Wxe2 3.Qd3#]
 1... Qxe3 2.Qg2 [3.Qxe3#, Wf3#] Wf8 3.Qxe3+, 2... Qf5 3.Qxf5#
 1... Qxe5 2.Qxg6 [3.Qf3+, Qf4+, Qxe5+] Wf8 3.Qxe5#
 1... Qxc5 2.Qd3 [3.Qf3+, Qxc5+] Wf8 3.Qxc5#
 1... Qxc3 2.Qd5 [3.Qf3+, Qxc3+] Wf8 3.Qxc3#
 1... Qh2 2.Qh5 [3.Qf3+, Qxg3+] Wf8 3.Qxg3+, 2... Qf5 3.Qxf5#
 1... g2 2.Qfxh3 [3.Qf3+, Qf2+] Wf8 3.Qf2+, 2... Wxe2 3.Qf3#

Line opening by Black and White

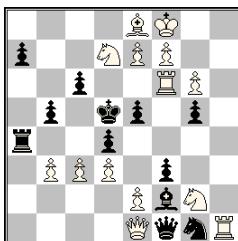
Bishop star in B1

In all 6 variations WQf4 opens the f-file for WQ

‡3

(13+13)

B073



- 1.g7? [2.Qhh6 [3.Qd6#]]
 but 1... Qh3!

 1. **Wh6!** [2.g7 [3.Qd6#]]
 1... dxc3 2.e4+ Wxe4 3.Qxe4+, 2... Qd4 3.Qd6#
 1... c5 2.Qb6+ axb6 3.Qc6#
 1... e4 2.Qf4+ gxf4 3.Qh5#
 1... a6 2.c4+ bxc4 3.bxc4#
 1... g3 2.e4+ dxe3 e.p. 3.Qxe3#

‡3

(14+12)

B074



1. **Wg4!** [2.Qf5+ Qxb6 3.a5+, 2... Qxb4 3.Qb3+, 2... Qd4
 3.Qxd3+, Qd5+, Qe5#]
 1... Qxb4 2.Qe3+ (2.Qf3?, Qf5?) (2.Qf5? [3.Qb3+] Qxd6+!)
 2... Qa5 3.Qc4+, 2... Qc5 3.Qd4+
 1... Qd4 2.Qf3+ (2.Qe3?, Qf5?) (2.Qf5? [3.Qd5+, Qe5+] Qxd6+!)
 2... Qe5 3.Qf4+, 2... Qc5 3.Qc4+
 1... Qxb6 2.Qf5 [3.Qc4+] (2.Qe3? g1Q+!, 2.Qf3? g1Q+!)
 (2.Qf5? [3.a5+] Qxd6+!)
 2... Qxd6 3.a5+

‡3

(15+12)

Black self-unpin vs. white self-unpin: three unpins of Qc7 by WQ
 answered by three different unpins of WQ by WQ
 Cyclic dual avoidance on W2 move.
 Black King vs. White King duel



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

**ENTRIES
SECTION C: MOREMOVERS**

July 2016

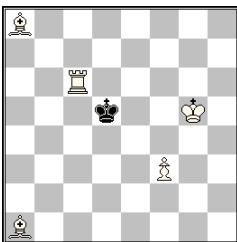
Judging countries

Armenia, Belarus, Finland, Sweden, Ukraine
(Germany as reserve)

Theme

In a variation of a moremover ($\pm n$, $n \geq 4$) there is a sequential play of at least two different direct white batteries. Two (or more) different rear battery pieces must be used. In the diagram position there should not be more than one white battery aimed at the black king.

C001

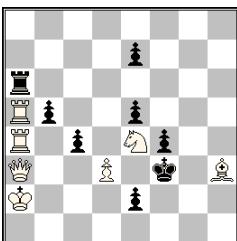


1.f4! [2.♔e5/♔f6/♔g7/♔h8 ♔e4 3.♕c3#]
1...♔e4 2.♕c3+ ♔d4 3.f5 ♔e5 4.♕d3#

‡4

(5+1)

C002

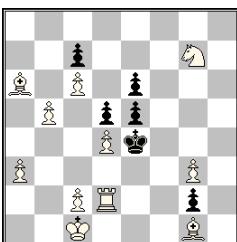


1.dxc4+!
1...♔xe4 2.cxb5+ ♔d5 3.bxa6+ ♔c6 4.♕c5#

‡4

(7+8)

C003



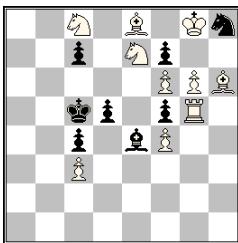
1.♕f2! Z
1...♔xd4 2.♕f4+ ♔c3 3.♕f3+ ♔c4 4.b6#
1...♔e3 2.♕f4+ ♔e2 3.b6+ ♔e1 4.♕f2#
1...exd4 2.♕f4+ ♔e5 3.♗e8 d3 4.♕xd4#

Theme Kozhakin

‡4

(11+6)

C004



1. $\mathbb{Q}xf5?$ A [2. $\mathbb{Q}f8\#$ B]
 1...c6 2. $\mathbb{Q}d4$ [3. $\mathbb{Q}f8\#$] $\mathbb{Q}xg6$ 3. $\mathbb{Q}xg6$ [4. $\mathbb{Q}f8\#$]
 but 1... $\mathbb{Q}xg6!$

1. $\mathbb{Q}f8!$ B [2. $\mathbb{Q}xf5?$ A]
 1...c6 2. $\mathbb{Q}xc6+$ $\mathbb{Q}b5$ 3. $\mathbb{Q}b8+$ $\mathbb{Q}a5$ 4. $\mathbb{Q}b4\#$
 1...d4 2. $\mathbb{Q}xf5+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xd4+$ $\mathbb{Q}f5$ 4. $\mathbb{Q}c6\#$
 1... $\mathbb{Q}xg6$ 2. $\mathbb{Q}xg6\#$

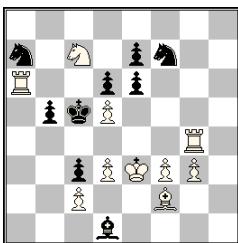
4 battery checks on 3 lines

Threat reversal

#4

(10+8)

C005



1. $\mathbb{Q}g1?$ [2. $\mathbb{Q}f2$ [3. $\mathbb{Q}\sim\#$, 2... $exd5$ 3. $\mathbb{Q}e6\#$ 2... $\mathbb{Q}c6$ 3. $\mathbb{Q}xc6\#$]
 1... $\mathbb{Q}e5$ 2. $d4+$ $\mathbb{Q}b4/\mathbb{Q}c4$ 3. $dxe5+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}d3\#$
 but 1... $\mathbb{Q}h6!$
 1. $\mathbb{Q}e4?$ [2. $\mathbb{Q}f4\#$] e5!

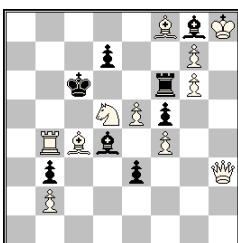
1. $\mathbb{Q}h4!$ Z
 1... $\mathbb{Q}h6$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}g5+$ $\mathbb{Q}g4$ 4. $\mathbb{Q}xg4\#$
 1... e5 2. $\mathbb{Q}e4+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}f5+$ e4 4. $\mathbb{Q}xe4\#$ (2. $d4+?$ $exd4!$)
 1... $\mathbb{Q}e5$ 2. $d4+$ $\mathbb{Q}b4/\mathbb{Q}c4$ 3. $dxe5+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}d3\#$
 (2. $\mathbb{Q}f4+?$ $\mathbb{Q}b4$ 3. $\mathbb{Q}g5+$ $\mathbb{Q}c4!)$

#4

(10+9)

Triple consecutive battery play, triple battery creation at W2 moves and dual avoidance

C006

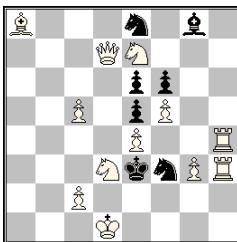


1. $\mathbb{Q}h1!$ [2. $\mathbb{Q}xf6+$ d5 3. $exd6$ e.p.+ $\mathbb{Q}c5$ 4. $d7\#$]
 1... $\mathbb{Q}a7$ 2. $\mathbb{Q}b5+$ $\mathbb{Q}b7$ 3. $\mathbb{Q}a6+$ $\mathbb{Q}a8$ 4. $\mathbb{Q}c7\#$
 1... $\mathbb{Q}xg6$ 2. $\mathbb{Q}e7+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}xg6+$ d6 4. $\mathbb{Q}xd6\#$
 1... d6 2. $\mathbb{Q}e7+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}c6+$ $\mathbb{Q}xb4$ 4. $\mathbb{Q}b5\#$
 (1... $\mathbb{Q}xf8$ 2. $gxf8\mathbb{Q}$ $\mathbb{Q}xe5+$ 3. $fxe5$,
 1... $\mathbb{Q}d6$ 2. $\mathbb{Q}xd6$,
 1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}xd5+$)

#4

(11+8)

C007



1. **Qa7!** [2. c6+ A Qd4 3. g4+ B Qxe4 4. g5# C (4.c7+? D)]
1... Qd4 2. g4+ B Qf3 3. c6+ A Qxe4 4. c7# D (4.g5+? C)

Every move is thematic - the key creates battery and every next move opens different battery

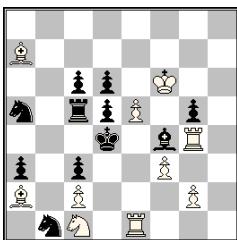
Reciprocal exchange of the 2th and 3rd moves

Reciprocal dual avoidance in the 4th move

‡4

(12+7)

C008

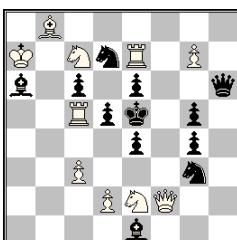


1. exd6? [2. Qe~] Qb3!
1. Qb6! Z
1... Qb3/Qb7 2. Qxb3+ Qc4 3. Qxc5+ Qd4 4. Qe6#
(3... Qb4/Qb5 4. Qxb1#)
1... Qd2 2. Qe2+ Qe3 3. Qxf4+ Qd4 4. Qe6#
3... Qf2 4. Qd3#
1... dxе5 2. Qxe5 [3. Qe2#] Qb3 3. Qxb3 [4. Qe2#]

‡4

(10+11)

C009



1... Qxe2 2. Qxd5+ A Qxb8 3. Qb6+ Qd6 4. Qc8#
1... Qxe2 2. Qxe6+ B Qxb8 3. Qd4+ Qd6 4. Qf5#; 3... Qe6 4. Qxe6#
1... Qd6 2. Qxd7+ Qxd7 3. Qf7+ Qc8/Qd8 4. Qe8#;
(3... Qd6 4. Qxa6, Qxe6#)

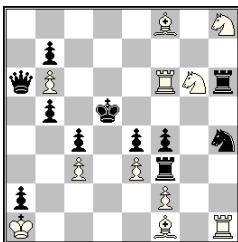
1. Qf7! [2. Qxe6+ Qxe6 3. Qxe6#]
1... Qxe2 2. Qxe6+ B Qxb8 3. Qd8+ Qd6 4. Qb7#; 3... Qe6 4. Qxe6#
1... Qxe2 2. Qxd5+ A Qxb8 3. Qf6+ Qd6 4. Qxe4#; 3... Qf4 4. Qh5#
1... Qd6 2. Qxa6+ Qxb8 3. Qxe6+ Qxe6 4. Qc7#

‡4

(10+12)

Reciprocal change of the second white moves and changed third and mating moves. Dual avoidance on the second white move. Defences on the same square

C010



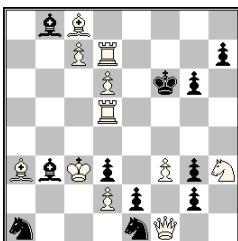
1. ♜h3! [2. ♜d1#]

- 1... ♜a4 2. ♜e6+ ♛c6 3. ♜c8+ ♛d5 4. ♜xb7#
 1... ♜xe3 2. ♜d6+ ♛c5 3. ♜e6+ ♛d5 4. ♜xf4#
 1... ♜xg6 2. ♜d1+ ♛e5 3. ♜g7 [4. ♜f7#/ ♜e6#/ ♜xg6#] ♜xf6 4. ♜f7#

‡4

(11+11)

C011



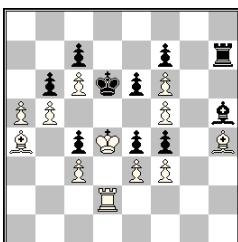
1. ♜b2! [2. ♜b4+ ♛e6 3. ♜f4#]

- 1... ♜ac2 2. ♜xb3+ ♜d4+ 3. ♜xd4+ ♛e6 4. ♜f4#
 1... ♜ec2 2. ♜xd3+ ♜d4 3. ♜xd4+ ♛e6 4. ♜f4#
 1... ♜xd5 2. ♜b4+ ♛e6 3. ♜d8+ ♛f7 4. ♜g5#
 1... ♜a7 2. ♜b4+ ♜d4 3. ♜xd4+ ♛e6 4. ♜f4#
 1... g1 ♜ 2. ♜b4+ ♜d4 3. ♜xd4+ ♛e6 4. ♜f4#
 1... g1 ♜ 2. ♜b4+ ♜d4 3. ♜xd4+ ♛e6 4. ♜f4#
 1... g5 2. ♜b4+ ♛e6 3. ♜xg5+ ♜xd5 4. ♜b7#
 2... ♛g6 3. ♜xg5+ ♛h6 4. ♛g7#

‡4

(11+11)

C012



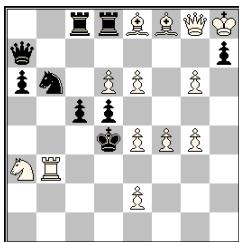
1. exf4! [2. ♜xc4#]

- 1... exf5 2. ♜xc4+ ♛e6 3. ♜b3 [4. ♜b4#] bxa5 4. ♜c5#
 1... e3 2. ♜xe3+ ♛c5 3. ♜f2 [4. ♜e2#/4. ♜e4#] ♜xf3 4. ♜xf3#

‡4

(12+10)

C013



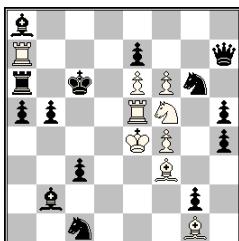
- 1.g7!** [2. $\mathbb{Q}d3+$ $\mathbb{Q}xe4$ 3. $\mathbb{Q}xh7+$ $\mathbb{Q}xf4$ 4. $\mathbb{Q}f5\#$]
 (1... $\mathbb{Q}f7$ 2. $\mathbb{Q}d3+$ $\mathbb{Q}xe4$ 3. $\mathbb{Q}xh7$ [4. $\mathbb{Q}f5\#$])
 1... $c4$ 2. $\mathbb{Q}c2+$ $\mathbb{Q}c5$ 3. **d7+** $\mathbb{Q}c6$ 4. **dxc8** $\mathbb{Q}\#$
 (2... $\mathbb{Q}xe4$ 3. $\mathbb{Q}xh7+$ $\mathbb{Q}xf4$ 4. $\mathbb{Q}f5\#$)
 1... $dxe4$ 2. $e3+$ $\mathbb{Q}d5$ 3. **e7+** $\mathbb{Q}xd6$ 4. **exd8** $\mathbb{Q}\#$

Successive pawn batteries producing dual-free W \mathbb{Q} promotion mates

#4

(13+9)

C014



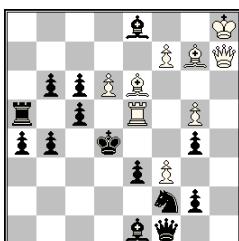
- 1. $\mathbb{Q}d7!$** [2. $\mathbb{Q}d4+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}c6+$ $\mathbb{Q}xc6$ 4. $\mathbb{Q}f5\#$]
 1... $\mathbb{Q}f8/\mathbb{Q}h8$ 2. $\mathbb{Q}c5+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}c6+$ $\mathbb{Q}xc6$ 4. $\mathbb{Q}e5\#$
 1... $a3$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}xc3+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}xc5\#$
 1... $c2$ 2. $\mathbb{Q}e3+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}d2+$ $\mathbb{Q}d4$ 4. $\mathbb{Q}xd4\#$

A fourfold sequential battery play and a fourfold battery creation on the g1-b6 line in a "Theme of the Future" form: I) in the threat and after 1... $\mathbb{Q}g\sim$ cross-checking sacrifices by front battery pieces with Umnov effect (W3 move) and delayed W \mathbb{Q} 's arrival on a vacated square (W4 move); II) after 1... $a3$ and 1... $c2$ Siers battery play by the w \mathbb{Q} (W2 & W3 moves)

#4

(9+14)

C015



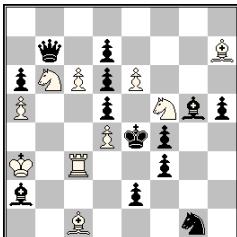
- 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xc5+$ $\mathbb{Q}d2$ 3. $\mathbb{Q}c2\#$
1. $\mathbb{Q}e4+?$ $\mathbb{Q}d3$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}e2!$
 1. $\mathbb{Q}d5+?$ $\mathbb{Q}c4$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}b5!$
 1. $\mathbb{Q}f5+?$ $\mathbb{Q}d3!$ 2. $\mathbb{Q}xf2??$
- 1.fxg4!** [2. $\mathbb{Q}f5+$ $\mathbb{Q}\sim$ 3. $\mathbb{Q}xf2\#$]
 1... $\mathbb{Q}e2$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}d3$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}c3$ 4. $\mathbb{Q}d1\#$ (3. $\mathbb{Q}c4+?$ $\mathbb{Q}e4!$)
 1... $\mathbb{Q}h1$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}c4$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}c3$ 4. $\mathbb{Q}d1\#$, 3... $\mathbb{Q}b5$ 4. $\mathbb{Q}c4\#$
 1... $\mathbb{Q}xf7$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}d3$ 3. $\mathbb{Q}xf2+$ $\mathbb{Q}g6$ 4. $\mathbb{Q}xg6\#$ (2... $\mathbb{Q}e4?$ 3. $\mathbb{Q}xf7\#$)
 1... $\mathbb{Q}e4/\mathbb{Q}xg4$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}c3$ 3. $\mathbb{Q}xc5+$ $\mathbb{Q}d2$ 4. $\mathbb{Q}c2\#$

#4

(9+14)

(1. $\mathbb{Q}a2?$ $b3!$ 1. $\mathbb{Q}c2/\mathbb{Q}f5?$ $\mathbb{Q}h1+!$ 1. $f8\mathbb{Q}?$ $\mathbb{Q}g6!$, 1. $fxe8\mathbb{Q}?$ $b3!$)
 Threefold setting in logical form

C016



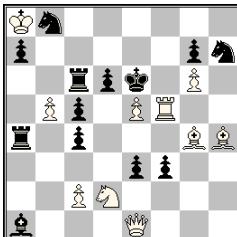
- 1. $\mathbb{Q}b2!$** [2. $\mathbb{Q}e3+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}e5$ 4. $\mathbb{M}e3\#$]
 1... $f2$ 2. $\mathbb{Q}h4+$ $\mathbb{Q}xd4$ 3. $\mathbb{M}c4+$ $\mathbb{Q}e3$ 4. $\mathbb{Q}c1\#$ - switchback
 1... $e1\mathbb{Q}$ 2. $\mathbb{Q}g3+$ $\mathbb{Q}xd4$ 3. $\mathbb{M}c2+$ $\mathbb{Q}e3$ 4. $\mathbb{Q}f1\#$
 1... $dxc6$ 2. $\mathbb{Q}xd6+$ $\mathbb{Q}xd4$ 3. $\mathbb{M}b3+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}xb7\#$
 1... $b1\mathbb{Q}$ 2. $\mathbb{Q}e7+$ $\mathbb{Q}xd4$ 3. $\mathbb{M}d3+$ $\mathbb{Q}c5$ 4. $\mathbb{M}xd5\#$
 1... $dxe6$ 2. $\mathbb{Q}g7+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}xe6+$ $\mathbb{Q}e5$ 4. $\mathbb{M}e3\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}e7+$ $\mathbb{Q}xd4$ 3. $\mathbb{M}b3+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}a4\#$

All seven variations are thematic!
Cross of the W \mathbb{M} on the third move

‡4

(10+13)

C017



- 1. $\mathbb{W}g3!$** [2. $\mathbb{M}f4+$ $\mathbb{Q}xe5$ 3. $\mathbb{M}e4+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}e6\#$
 2... $\mathbb{Q}d5$ 3. $\mathbb{W}xf3+$ $\mathbb{Q}xe5$ 4. $\mathbb{W}e4\#$]
 1... $dxe5$ 2. $\mathbb{M}xe5+$ $\mathbb{Q}d6$ 3. $\mathbb{M}h5+$ $\mathbb{Q}e5$ 4. $\mathbb{W}xe5\#$
 1... $\mathbb{Q}g5$ 2. $\mathbb{M}xg5+$ $\mathbb{Q}e7$ 3. $\mathbb{M}h5+$ $\mathbb{Q}e8/\mathbb{Q}f8$ 4. $\mathbb{M}h8\#$
 2... $\mathbb{Q}d5$ 3. $\mathbb{M}xd6+$ $\mathbb{Q}d4/\mathbb{Q}e5$ 4. $\mathbb{W}e5\#$
 1... $\mathbb{Q}f6$ 2. $\mathbb{M}xf6+$ $\mathbb{Q}e7$ 3. $\mathbb{M}xd6+$ $\mathbb{Q}e8/\mathbb{Q}f8$ 4. $\mathbb{M}d8\#$
 2... $\mathbb{Q}d5$ 3. $\mathbb{W}f4$ $c3$ 4. $\mathbb{Q}e6\#$
 1... $\mathbb{Q}f8$ 2. $\mathbb{M}h5+$ $\mathbb{Q}d5$ 3. $\mathbb{M}xd6+$ $\mathbb{Q}d4/\mathbb{Q}e5$ 4. $\mathbb{W}xe5\#$
 1... $c3$ 2. $\mathbb{M}h5+$ $\mathbb{W}xg4$ 3. $\mathbb{W}xg4+$ $\mathbb{Q}d5$ 4. $\mathbb{M}c4\#$
 2... $\mathbb{Q}d5$ 3. $\mathbb{W}xf3+$ $\mathbb{Q}d4/\mathbb{M}e4$ 4. $\mathbb{W}xe4\#$

‡4

(10+13)

5 thematic variations, cross of w \mathbb{M}

C018

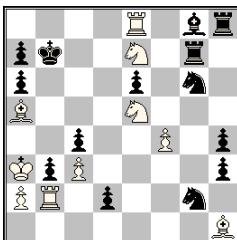


- 1. $\mathbb{h}6!$** [2. $h\mathbb{x}g7$ [3. $\mathbb{M}f6\#$ /3. $g8\mathbb{W}\#$ /3. $g8\mathbb{Q}\#$]]
 1... $\mathbb{Q}f2$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}e5$ (2... $\mathbb{Q}e7$ 3. $\mathbb{Q}xg6\#$) 3. $\mathbb{Q}d3+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xf2\#$
 (2. $\mathbb{Q}f6+?$ $\mathbb{Q}f5$ 3. $\mathbb{Q}xg4+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xf2\#$, but 3... $\mathbb{Q}xg4!$)
 1... $\mathbb{W}xc5$ 2. $\mathbb{Q}f6+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}d7+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xc5\#$
 2... $\mathbb{W}d5+3. \mathbb{Q}xd5+\mathbb{Q}e7 4. \mathbb{M}f7\#$, 3... $\mathbb{Q}f5 4. \mathbb{Q}f\sim\#$
 2... $\mathbb{W}c4 3. \mathbb{Q}xc4+\mathbb{Q}e7 4. \mathbb{M}f7\#$
 (2. $\mathbb{Q}f4+?$ $\mathbb{Q}e5$ 3. $\mathbb{Q}d3/\mathbb{Q}e6+\mathbb{Q}e4$ 4. $\mathbb{Q}xc5\#$, but 2... $\mathbb{Q}d6!$)
 1... $\mathbb{W}xc7$ 2. $\mathbb{Q}xc7+\mathbb{Q}e7$ 3. $\mathbb{M}f7+\mathbb{Q}d8$ 4. $\mathbb{M}d7\#$
 1... $\mathbb{Q}e7$ 2. $\mathbb{Q}xe7+\mathbb{Q}xe7$ 3. $\mathbb{Q}d6\#$

‡4

(12+11)

C019



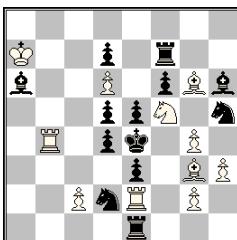
1.axb3! [2.bxc4#]

- 1...d1 \mathbb{Q} 2. $\mathbb{Q}xg2$ [3. $\mathbb{Q}g\sim\ddagger$
2... $\mathbb{Q}e3$ 3. $\mathbb{Q}b2+$ $\mathbb{Q}g2/\mathbb{Q}d5$ 4.**bxc4#**
2... $\mathbb{Q}xf4$ 3. $\mathbb{Q}xg7+$ $\mathbb{Q}g2/\mathbb{Q}d5$ 4. **$\mathbb{Q}xg8\ddagger$**

‡4

(10+14)

C020



1. $\mathbb{Q}xe3+?$ f5 2. $\mathbb{Q}c4+$ $\mathbb{Q}xe2!$

1. $\mathbb{Q}xd4+?$ f5 2. $\mathbb{Q}b5+$ $\mathbb{Q}c4!$

1. $\mathbb{Q}h2!$ [2. $\mathbb{Q}g3+$ $\mathbb{Q}f4$ 3. $\mathbb{Q}e4+$ $\mathbb{Q}g3$ 4. $\mathbb{Q}xg3\ddagger$]

1... $\mathbb{Q}h1$ 2. $\mathbb{Q}xe3+$ f5 3. $\mathbb{Q}c4+$ $\mathbb{Q}e3$ 4. $\mathbb{Q}xd2\ddagger$

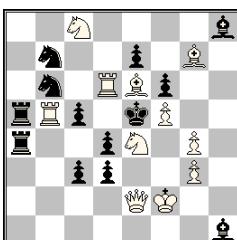
1... $\mathbb{Q}f1$ 2. $\mathbb{Q}xd4+$ f5 3. $\mathbb{Q}b5+$ d4 4. $\mathbb{Q}c3\ddagger$

Threefold setting of the theme in threat and two variations, pin mates

‡4

(11+13)

C021



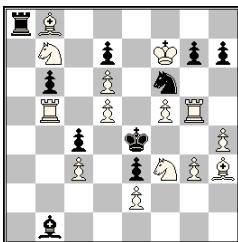
1. $\mathbb{Q}c4!$ [2. $\mathbb{Q}e6\ddagger$]

- 1... $\mathbb{Q}xd6$ 2. $\mathbb{Q}xf6+$ $\mathbb{Q}e4+$ 3. $\mathbb{Q}xe4+$ $\mathbb{Q}xe4$ 4. **$\mathbb{Q}d7\ddagger$**
2...dxe2 3. $\mathbb{Q}d7+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xc5\ddagger$
1... $\mathbb{Q}d8$ 2. $\mathbb{Q}xf6+$ dxe2 3. $\mathbb{Q}d7+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xc5\ddagger$
1...exd6 2. $\mathbb{Q}xc5+$ dxe2 3. $\mathbb{Q}d7+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xf6\ddagger$

‡4

(11+13)

C022

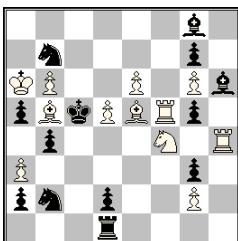


- 1. $\mathbb{Q}g2!$** [2. $\mathbb{Q}d2+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}xc4\#$]
 1... $\mathbb{Q}a2$ 2. $\mathbb{Q}h2+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}g4+$ $\mathbb{Q}xg4$ 4. **f6#**
 1... $\mathbb{Q}a4$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}c6+$ $dxc6$ 4. **d7#**
 1... $\mathbb{Q}d3$ 2. $\mathbb{Q}d2+$ $\mathbb{Q}e5$ 3. $exd3$ [4. $\mathbb{Q}f3\#/\mathbb{Q}xc4\#/d4\#]$
 or 2. $\mathbb{Q}e1+$ $\mathbb{Q}e5$ 3. $exd3$ [4. $\mathbb{Q}f3\#/d4\#]$ $cxd3$ 4. $\mathbb{Q}xd3\#$

#4

(14+10)

C023

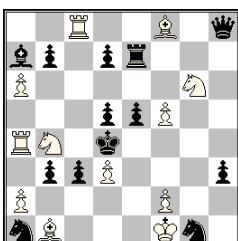


- 1. $\mathbb{d}6!$** [2. $\mathbb{Q}f6+$ $\mathbb{Q}xd6$ 3. $\mathbb{Q}d5\#$]
 1... $\mathbb{Q}xd6$ 2. **$\mathbb{Q}d4+$** $\mathbb{Q}xd4$ 3. $\mathbb{Q}e2+$ $\mathbb{Q}e3$ 4. $\mathbb{Q}f3\#$
 1... $bxa3$ 2. $\mathbb{Q}xb2+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}d3+$ $\mathbb{Q}b3$ 4. $\mathbb{Q}a4\#$
 2... $\mathbb{Q}xd6$ 3. $\mathbb{Q}xa3+$ $\mathbb{Q}c5+$ 4. $\mathbb{Q}xc5\#$
 1... $gxf4$ 2. $\mathbb{Q}xf4+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}xd2+$ $\mathbb{Q}f4$ 4. $\mathbb{Q}hxf4\#$
 1... $\mathbb{Q}d3/\mathbb{Q}c4$ 2. **$\mathbb{Q}f6+$** $\mathbb{Q}e5$ 3. $\mathbb{Q}xe5+$ $\mathbb{Q}d4$ 4. **$\mathbb{Q}e2\#$**
 3... $\mathbb{Q}xd6$ 4. $\mathbb{Q}d5\#$
 1... $\mathbb{Q}e1$ 2. **$\mathbb{Q}f6+$** $\mathbb{Q}e5$ 3. $\mathbb{Q}xe5+$ $\mathbb{Q}d4$ 4. **$\mathbb{Q}e2\#$**
 3... $\mathbb{Q}xd6$ 4. $\mathbb{Q}d5\#$

#4

(12+13) 1... $\mathbb{Q}xe6$ 2. $\mathbb{Q}xe6+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}c7+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}xg3\#$

C024

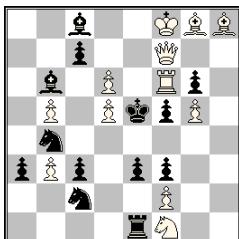


- 1. $\mathbb{Q}e1!$** [2. $\mathbb{Q}c2+$ $\mathbb{Q}xd3$ 3. $\mathbb{Q}b4+$ $\mathbb{Q}d4$ 4. $\mathbb{Q}d3\#$]
 1... $b5$ 2. $\mathbb{Q}c6+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}cxe7+$ $\mathbb{Q}d6$ 4. **$\mathbb{Q}g8\#$** , 3... $\mathbb{Q}b6$ 4. $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}f3+$ 2. $\mathbb{Q}d1 c2+$ 3. $\mathbb{Q}xc2+$ $\mathbb{Q}xd3$ 4. **$\mathbb{Q}e1\#$**

#4

(12+13)

C025



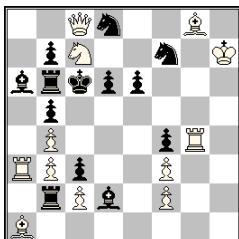
1. **h7!** [2. $\mathbb{Q}h4$ [3. $\mathbb{Q}xg6\#$] $\mathbb{Q}e6$ 3. $\mathbb{Q}xe6+$ $\mathbb{Q}xd5$ 4. $\mathbb{Q}c4\#$]
 1... $\mathbb{Q}c5$ 2. $\mathbb{Q}e6+$ $\mathbb{Q}xd5$ 3. $\mathbb{Q}e5+$ $\mathbb{Q}d4$ 4. $\mathbb{Q}xe3\#$, 3... $\mathbb{Q}xd6$ 4. $\mathbb{Q}e7\#$
 1... f4 2. $\mathbb{Q}xg6+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}g7+$ $\mathbb{Q}e5$ 4. $\mathbb{Q}d7\#$, 3... $\mathbb{Q}g4$ 4. $\mathbb{Q}h2\#$
 2... $\mathbb{Q}e4$ 3. $\mathbb{Q}e6+$ $\mathbb{Q}xd5$ 4. $\mathbb{Q}f5\#$
 1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xg6+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}g3+$ $\mathbb{Q}f4$ 4. $\mathbb{Q}h4\#$
 1... $\mathbb{Q}e6$ 2. $\mathbb{Q}xf5+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}h4+$ $\mathbb{Q}d3$ 4. $\mathbb{Q}c4\#$
 2... $\mathbb{Q}xf5$ 3. $\mathbb{Q}h4$ $\mathbb{Q}xf1$ 4. $\mathbb{Q}xe6\#$, 3... $\mathbb{Q}exf2$ 4. $\mathbb{Q}g3\#$

‡4

(12+13)

2 thematic variations with 3 thematic moves plus additional variation with thematic moves, square-block

C026



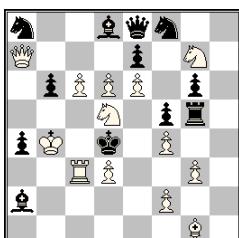
1. **a5!** [2. $\mathbb{Q}e8+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}c4+$ $\mathbb{Q}e5$ 4. $\mathbb{Q}e4\#$]
 1... $\mathbb{Q}e5$ 2. $\mathbb{Q}xe6+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xf4+$ $\mathbb{Q}d4$ 4. $\mathbb{Q}e2\#$
 1... $\mathbb{Q}xb3$ 2. $\mathbb{Q}xb5+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xc3+$ $\mathbb{Q}d4$ 4. $\mathbb{Q}e2\#$

In both variations a battery is fired three times

‡4

(12+13)

C027



1. **b7!** [2. $f3+A$ $\mathbb{Q}xd5$ 3. $c7+B$ $\mathbb{Q}c6$ 4. $\mathbb{Q}xc6\#$ C, 3... $\mathbb{Q}xd6$ 4. $c8\mathbb{Q}\#$]
 1... $\mathbb{Q}xd5$ 2. $c7+B$ $\mathbb{Q}c6$ 3. $\mathbb{Q}xc6+$ C $\mathbb{Q}d4$ 4. $f3\#$ A
 1... $\mathbb{Q}xg3$ 2. $fxg3+$ $\mathbb{Q}xd5$ 3. $c7+\mathbb{Q}c6$ 4. $\mathbb{Q}xc6\#$, 3... $\mathbb{Q}xd6$ 4. $c8\mathbb{Q}\#$
 1... $\mathbb{Q}c7$ 2. $\mathbb{Q}xc7$ [3. $f3\#$] $\mathbb{Q}xc7$ 3. $\mathbb{Q}xb6+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}c5\#$
 1... $\mathbb{Q}c4$ 2. $f3+$ $\mathbb{Q}xd5$ 3. $dxc4+$ $\mathbb{Q}xd6$ 4. $\mathbb{Q}d3\#$

‡4

(13+12)

C028



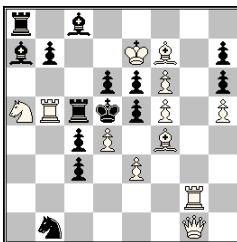
#4

(13+12)

- 1.h8 \mathbb{Q} !** [2. $\mathbb{Q}xb2+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}xc4+$ $\mathbb{Q}e6$ 4. $\mathbb{Q}e5\#$]
 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xf4+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}fg6+$ $\mathbb{Q}f6$ 4. $\mathbb{Q}e5\#$
 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xc5+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}d7+$ $\mathbb{Q}e6$ 4. $\mathbb{Q}e5\#$

Defences on the same square (c3) and mates on the same square (e5)
 Annihilation of black mass to enable mating moves

C029



#4

(12+14)

1. $\mathbb{Q}e2?$ [2.e4#, 2. $\mathbb{Q}g8?$]
 1...e4 2. $\mathbb{Q}g8$ [3. $\mathbb{Q}xe6+$ /3. $\mathbb{Q}xc8$] $\mathbb{Q}d7$ 3. $\mathbb{Q}xe6+$ $\mathbb{Q}xe6$ 4. $\mathbb{Q}xe6\#$
 but 1... $\mathbb{Q}e4!$ 2. $\mathbb{Q}g2+$ $\mathbb{Q}d3!$ (2... $\mathbb{Q}xf5?$ 3. $\mathbb{Q}g6+$ $hxg6$ 4. $\mathbb{Q}xg6\#$)
- 1. $\mathbb{Q}h1!$** [2. $\mathbb{Q}g8+$ e4 3. $\mathbb{Q}xc8$ [4. $\mathbb{Q}xe6\#$]]
 1... $\mathbb{Q}b6$ 2. $\mathbb{Q}d2+$ e4 3.dxc5+ $\mathbb{Q}xd2/cxd2$ **4.cxb6#**
 1... $\mathbb{Q}d7$ 2. $\mathbb{Q}g5+$ e4 3.fxe6+ $hxg5$ **4.exd7#**
 1... $\mathbb{Q}e4$ 2. $\mathbb{Q}f2+$ $\mathbb{Q}xf5$ 3. $\mathbb{Q}g3+$ $\mathbb{Q}g4/\mathbb{Q}g5$ 4. $\mathbb{Q}h4+$
 2... $\mathbb{Q}d3$ 3. $\mathbb{Q}xb1+$ c2 4. $\mathbb{Q}xc2\#$
 1...e4 2. $\mathbb{Q}f1$ **A** [3. $\mathbb{Q}xc4!$] $\mathbb{Q}d2$ 3. $\mathbb{Q}xd2$ **B** [4. $\mathbb{Q}xc4\#$]
 2... $\mathbb{Q}a3$ 3.dxc5 [4. $\mathbb{Q}d1\#$] $\mathbb{Q}b1/\mathbb{Q}c2/\mathbb{Q}xb5$ 4. $\mathbb{Q}xc4\#$, 3...c2 4. $\mathbb{Q}d2\#$
 1... $\mathbb{Q}d2$ 2. $\mathbb{Q}xd2+$ **B** e4 3. $\mathbb{Q}f1$ **A** [4. $\mathbb{Q}xc4\#$]

Three thematic variations with Zabunov theme (a front piece of an initial battery becomes a rear piece of a newly created battery) and further battery creation at W3 moves after 1... $\mathbb{Q}b6$ / $\mathbb{Q}d7$.

A changed continuation and thematic refutation in the try.

C030



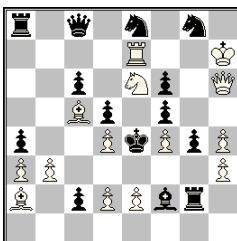
1. ♜b6! [2. ♜c5+ ♕xd4 3. ♜b3+ ♕c4 4. ♜d4#]
 1...g5 2. ♜xg5+ ♕f5 3. ♜f3+ ♕g4 4. ♜e5#; 3...♕g6/♕g5 4. ♜h4#
 1... ♜xb6 2. ♜xa1 ♜e2 3. ♜xe2 g5 4. ♜b1#,
 3... ♜c8 4. ♜c5#, 3... ♜xe6 4. ♜xe6#
 2...g5 3. ♜g7+ ♜e6 4. ♜xe6#
 1... ♜xe7 2. ♜c5+ ♕xd4 3. ♜xd3+ ♕xd3 4. ♜c2#; 3... ♜e4 4. ♜f2#

3 White batteries in threat and variation

‡4

(13+13)

C031

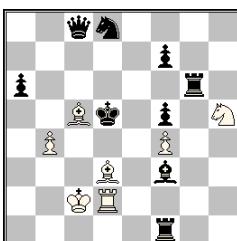


1. ♜b6! [2. ♜c5+ ♕xd4 3. ♜e6+ ♕e4 4.d3#]
 1... ♜g3 2. ♜g5+ ♜xf4 3. ♜e6+ ♕e4 4. ♜f4#
 1... axb3 2. ♜c5+ ♕xd4 3. ♜xb3+ ♕c4 4. ♜d4#
 1... ♜a6 2. ♜c5+ ♕xd4 3. ♜xa6+ c5 4. ♜xc5#
 1... ♜xh6 2. ♜g7+ ♜e6 3. ♜xe6+ ♜xf4 4. ♜h5#

‡4

(14+14)

C032

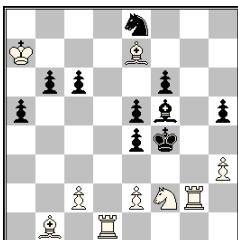


1. ♜b5+!
 1... ♜e4 2. ♜d4+ ♜e3 3. ♜d3+ ♜e2 4. ♜e3+ ♜f2 5. ♜e2#
 3... ♜e4 4. ♜e3+ ♜d5 5. ♜e5#
 1... ♜e6 2. ♜d6+ ♜e7 3. ♜d7+ ♜e8 4. ♜e7+ ♜f8 5. ♜e8#
 3... ♜e6 4. ♜e7+ ♜d5 5. ♜e5#

‡5

(7+9)

C033



‡5

(9+10)

1. ♜f1! [2. ♜d1‡]

1... ♜g4 2. ♜xg4+ ♜g5 3. ♜xf6+ ♜h4 4. ♜h1 [5. ♜xe8‡] ♜xf6
5. ♜xf6‡, 3... ♜h6 4. ♜f8+ ♜g7 5. ♜xg7‡
1... ♜e3 2. ♜d1+ ♜d2 3. e3+ ♜c1 4. ♜a3+ ♜xb1 5. ♜c3‡
2... ♜d4 3. e3+ ♜c4 4. ♜a2+ ♜b5 5. ♜c3‡
1... e3 2. ♜h1+ ♜e4 3. c3+ ♜d5 4. ♜a2+ ♜e4 5. ♜g3‡

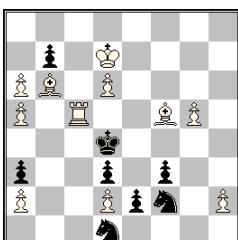
In the first variation knight plays sequentially as a front piece of three batteries with three different rear pieces

In the second variation, Rooks batteries are horizontal, while in the first variation they were vertical

All three variations are thematic

There're eight different battery moves on six different lines with four different rear pieces. Good economy

C034



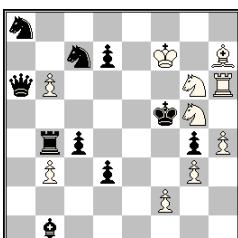
‡5

(11+8)

1. ♜e6! [2. ♜c4+ ♜e5 3. ♜d4+ ♜f4 4. ♜e3+ ♜e5 5. ♜f4‡]

1... ♜e4 2. ♜d5+ ♜c4 3. ♜d4+ ♜b5 4. ♜c4+ ♜a4/♦b4 5. ♜xd3‡

C035



‡5

(10+10)

1. ♜h5! (cx b3) [2. ♜e6+ ♜e4 3. ♜e5+ ♜d5 4. ♜xc4+ ♜c6 5. ♜d8‡,

4... ♜c4 5. ♜c5‡]

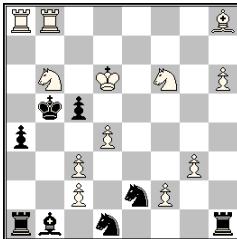
1... d2 2. ♜f4+ ♜e5 3. ♜e4+ ♜d4 4. ♜e2+ ♜d3 5. ♜c3‡

1... ♜xb3 2. ♜e7+ ♜e5 3. ♜f3+ ♜d6 4. ♜d2 [5. ♜e4‡] ♜b7 5. ♜xc4‡

1... ♜a1/♦c8 2. ♜e7+ ♜e5 3. ♜e6+ ♜d6 4. ♜c8+ ♜c6 5. ♜d8‡

Two main variations present reciprocal triple successive exchange of two batteries. Other two involve two more battery lines each

C036



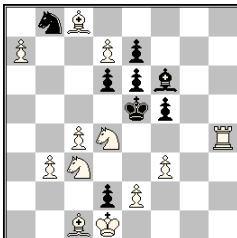
1. $\mathbb{Q}c7!$ [2. $\mathbb{Q}a5+$ $\mathbb{Q}xa5$ 3. $\mathbb{Q}c4+$ $\mathbb{Q}a6$ 4. $\mathbb{Q}a8+$ $\mathbb{Q}b5$ 5. $\mathbb{Q}d6\#$]
1... $\mathbb{Q}dx3$ 2. $\mathbb{Q}bd5+$ $\mathbb{Q}c4$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}xd4$ 4. $\mathbb{Q}h7+$ $\mathbb{Q}e4$ 5. $\mathbb{Q}g5\#$
1... $\mathbb{Q}exc3$ 2. $\mathbb{Q}c8+$ $\mathbb{Q}c4$ 3. $\mathbb{Q}d6+$ $\mathbb{Q}xd4$ 4. $\mathbb{Q}h5+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}f4\#$

Two thematic variations ending with echo model mates
Full length threat with sacrificial play

‡5

(12+8)

C037



1. $\mathbb{Q}xd2?$ $\mathbb{Q}xh4!$ 2. $d8\mathbb{Q}$ $\mathbb{Q}g5$ 3. $\mathbb{Q}h8+\mathbb{Q}f6$ 4. $\mathbb{Q}h2+\mathbb{Q}xd4$ 5. $\mathbb{Q}g1(f2)+\mathbb{Q}e5...$

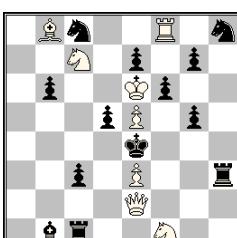
1. $\mathbb{Q}b2!$

1... $\mathbb{Q}xh4$ 2. $\mathbb{Q}d5$ (**3. $\mathbb{Q}c6\#$**) $exd5$ 3. $\mathbb{Q}e6+d4$ 4. $\mathbb{Q}xd4+\mathbb{Q}xe6$ 5. **$d8\mathbb{Q}\#$**

‡5

(12+8)

C038



1. $\mathbb{Q}xd5?$ $\mathbb{Q}a2!$

1. $\mathbb{Q}b5!$ [2. $\mathbb{Q}xc3+$ $\mathbb{Q}xc3$ 3. $\mathbb{Q}d2\#$]

1... $d4$ 2. $exd4+\mathbb{Q}f4$ 3. $exf6+\mathbb{Q}d6$ 4. $fxe7+\mathbb{Q}f5+$ 5. $\mathbb{Q}xf5\#$
4... $\mathbb{Q}f7$ 5. $\mathbb{Q}xd6\#$

3 pawn battery checks on 3 lines

2 cross-checks

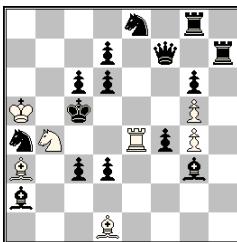
Pin mate

Capturing the defending piece is refuted by a pin

‡5

(8+13)

C039



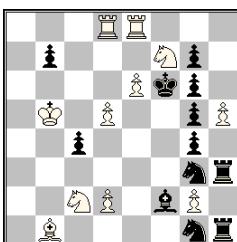
1. $\mathbb{Q}f3!$ [2. $\mathbb{Q}xa2+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xa4+$ $\mathbb{Q}e5/\mathbb{Q}e6$ 4. $\mathbb{Q}e4+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}xc3\#$]
 1... $\mathbb{Q}e1$ 2. $\mathbb{Q}c2+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xf4+$ $\mathbb{Q}e5/\mathbb{Q}e6$ 4. $\mathbb{Q}e4+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}e3\#$
 1... $\mathbb{Q}b3$ 2. $\mathbb{Q}a6+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xe8+$ $\mathbb{Q}c4/\mathbb{Q}d4$ 4. $\mathbb{Q}e4+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}c7\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc6+$ $\mathbb{Q}b4+$ 3. $\mathbb{Q}xb4+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}e5+$ $\mathbb{Q}c4$ 5. $\mathbb{Q}d5\#$
 1... $\mathbb{Q}f5$ 2. $\mathbb{Q}xf5$ $\mathbb{Q}xf5$ 3. $\mathbb{Q}xc6+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}e5+$ $\mathbb{Q}c4$ 5. $\mathbb{Q}d5\#$

A task: five variations with successive play of white batteries

‡5

(7+15)

C040



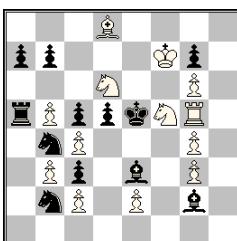
1. $\mathbb{Q}f8!$ ($\mathbb{Q}f5$) [2. $\mathbb{Q}d6+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}xc4+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}a1+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}b3\#$]
 1... $\mathbb{Q}3\sim$ 2. $\mathbb{Q}h8+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}xg6+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}e3+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}f5\#$
 1... $\mathbb{Q}1\sim$ 2. $\mathbb{Q}h6+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}xg4+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}e1+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}f3\#$

Three thematic variations where the first Siers battery eliminates a black pawn and the second battery uses the unguarded square for the mate Flight giving key

‡5

(11+12)

C041



1. $\mathbb{Q}c7!$ [(1... $\mathbb{Q}a1$) 2. $\mathbb{Q}xe3+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}ef5+$ $\mathbb{Q}e5$ 4. $\mathbb{Q}xb7+$ $\mathbb{Q}e4$ 5. $\mathbb{Q}xc5\#$]
 1... $\mathbb{Q}g1/\mathbb{Q}f2$ 2. $\mathbb{Q}xg7+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}gf5+$ $\mathbb{Q}e5$ 4. $\mathbb{Q}e8+$ $\mathbb{Q}e4$ 5. $\mathbb{Q}f6\#$
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}xb7+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}e7+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}e5+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}f5\#$
 3... $\mathbb{Q}d4$ 4. $\mathbb{Q}e5+$ $\mathbb{Q}e4$ 5. $\mathbb{Q}d6\#$
 2... $\mathbb{Q}e4$ 3. $\mathbb{Q}e6$ [4. $\mathbb{Q}bd6\#$] $\mathbb{Q}a6+$ 4. $\mathbb{Q}bx6$ [5. $\mathbb{Q}bd6\#$] $\mathbb{Q}f4$ 5. $\mathbb{Q}xc5\#$
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}xc4+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}e5$ [4. $\mathbb{Q}fd6\#$] $d4$ 4. $\mathbb{Q}fd6+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}f4\#$
 3... $\mathbb{Q}xc4$ 4. $\mathbb{Q}d6+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}bcx4\#$
 3... $\mathbb{Q}a6$ 4. $\mathbb{Q}fd6+$ $\mathbb{Q}xd6$ 5. $\mathbb{Q}xd6\#$
 1... $\mathbb{Q}a6$ 2. $b6$ [3. $\mathbb{Q}b5+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}fd6\#/\mathbb{Q}xc3\#$] $\mathbb{Q}xc4$ 3. $\mathbb{Q}b5+$ $\mathbb{Q}d5$
 4. $\mathbb{Q}e7+$ $\mathbb{Q}e4$ 5. $\mathbb{Q}e5\#$
 2... $\mathbb{Q}xc4$ $\mathbb{Q}xb6$ 3. $\mathbb{Q}b5+$ $\mathbb{Q}d6+$ $\mathbb{Q}d6$ 4. $\mathbb{Q}xd6+$ $\mathbb{Q}e4$ 5. $\mathbb{Q}xc3\#$

5 thematic variations, switchback

C042

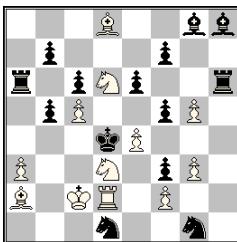


‡5

(10+16)

- 1. ♜f6!** [2. ♜d5+ ♛f4 3. ♜g6‡, 2... ♛e6 3. ♛g8‡]
 1... ♜xf6 2. ♜e4+ ♛d6 3. ♜e5+ ♛e6 4. ♜h2+ ♛f5 5. ♜e5‡
 1... ♜fx6 2. ♜d5+ ♛f4 3. ♜e5+ ♛f5 4. ♜b8+ ♛e6 5. ♜e5‡
 1... ♛xg2 2. ♜e4+ ♛f5 3. ♜xc6 [4. ♜d7‡] ♛g7 4. ♜xg7 [5. ♜d7‡]
 1... ♛xg2 2. ♜e4+ ♛f5 3. ♜xc6 [4. ♜d7‡] ♛xh4 4. ♜d7+ ♛g5 5. ♜h7‡

C043



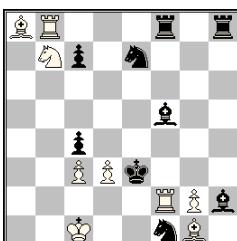
‡5

(12+14)

- 1. ♜c7!** [2. ♜b2+ ♛e5 (2... ♛xc5 3. ♜xb7‡) 3. ♜xb5+ ♛xe4 4. ♜d6+ ♛e5 5. ♜bc4‡]
 1... ♜a4 2. ♜b4+ ♛e5 (2... ♛xc5 3. ♜xb7‡) 3. ♜xb7+ ♛xe4 4. ♜d6+ ♛e5 5. ♜xc6‡
 1... ♜h4 2. ♜f4+ ♛e5 (2... ♛xc5 3. ♜xb7‡) 3. ♜xf7+ ♛xe4 4. ♜d6+ ♛e5 5. ♜g6‡

Opening and closing of battery with aim to unguard mating squares,
 combined with delayed Siers checkmates
 Switchback of the same piece from three different squares

C044



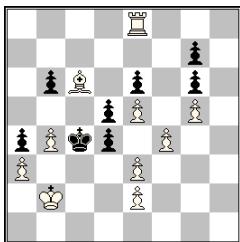
‡6

(9+9)

- 1. ♜d1!** [2. ♜f3‡]
 1... ♜xd3 2. ♜f3+ ♛e4 3. ♜c5+ ♛e5 4. ♜d4+ ♛d6 5. ♜d8+ ♜xd8
 6. ♜f6‡
 1... ♜xd3 2. ♜c5+ ♛xc3 3. ♜f3+ ♜e3+ 4. ♜xe3+ ♛d4 5. ♜e4+ ♛c3
 6. ♜d4‡, 4... ♜d3 5. ♜a4+ ♛d4 6. ♜e4‡

Exposure of W $\ddot{\text{Q}}$ to check
 White batteries
 Exchange of W2 and W3 moves
 Switchback of b $\ddot{\text{Q}}$
 Double checks
 Cross-checks
 Direct self-pin

C045



1. $\blacksquare c8!$

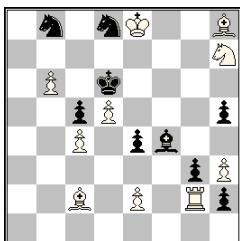
1...dxe3 2. $\blacksquare e8+$ $\square d4$ 3. $\blacksquare xg6$ b5 4. $\blacksquare b1$ g6 5. $\blacksquare c2$ $\square e4$ 6. $\blacksquare c4\#$

Zabunov
Indian
Umnov
Battery play

‡6

(10+8)

C046



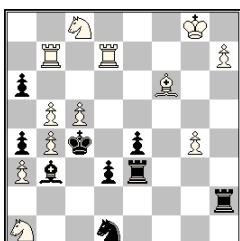
1. $\blacksquare f6!$ [2. $\blacksquare xe4\#$]

1... $\square e5$ 2. $\blacksquare xe4+$ $\square f5$ 3. $\blacksquare xg3+$ $\square g5$ 4. $\blacksquare f5+$ $\square g3$ 5. $\blacksquare xg3+$ $\square f4$
6. e3#

‡6

(10+9)

C047



1. $\blacksquare f8!$ [2. $\blacksquare b6+$ $\square xb5$ 3. $\blacksquare c8+$ $\square c4$ 4. $\blacksquare d6+$ $\square d5$ 5. $\blacksquare b5+$ $\square c4$

6. $\blacksquare d4\#$, 5... $\square e6$ 6. $\blacksquare d6\#$, 5... $\square c6$ 6. $\blacksquare d4\#/\blacksquare a7\#$]

1... $\blacksquare xh7$ 2. $\blacksquare d6+$ $\square d5$ 3. $\blacksquare f7+$ $\square c4$ 4. $\blacksquare e5+$ $\square c3$ 5. $\blacksquare f3+$ $\square c4$
6. $\blacksquare d2\#$

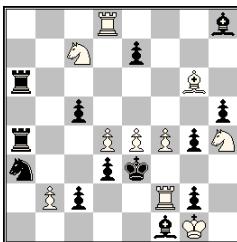
1...d2 2. $\blacksquare d4+$ $\square c3$ 3. $\blacksquare d6+$ $\square c4$ 4. $\blacksquare b6+$ $\square xb5$ 5. $\blacksquare xa4+$ $\square c4$
6. $\blacksquare d4\#$, 5... $\square xa4$ 6. $\blacksquare xa6\#$

Three variations with successive formation and play of four white batteries

‡6

(12+9)

C048



1. $\mathbb{Q}d5+$

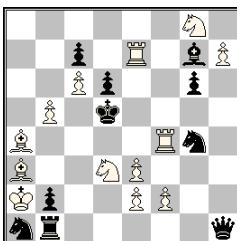
1... $\mathbb{Q}xd4$ 2. $\mathbb{Q}b6+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}f5+$ $\mathbb{Q}xe4$ 4. $\mathbb{Q}h4+$ $\mathbb{Q}e3$ 5. $\mathbb{Q}xg2+$ $\mathbb{Q}xg2$
6. $\mathbb{Q}xd3\#$

Checks from different batteries, line openings & switchback

†6

(10+13)

C049



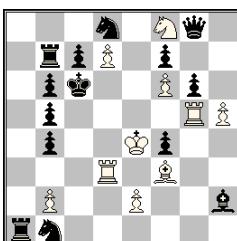
1. $\mathbb{Q}e8!$ [2. $\mathbb{Q}e7+$ A $\mathbb{Q}e6$ 3. $\mathbb{Q}c8+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}b4+$ B $\mathbb{Q}c5$ 5. $\mathbb{Q}a6+$ $\mathbb{Q}d5$
6. $\mathbb{Q}xc7\#$]
1... $\mathbb{Q}h4$ 2. $\mathbb{Q}b4+$ B $\mathbb{Q}c5$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}d5$ 4. e4+ C $\mathbb{Q}c4$ 5. e5+ $\mathbb{Q}c3$ 6. $\mathbb{Q}b4+$
5... $\mathbb{Q}d5$ 6. $\mathbb{Q}d4\#$
1... $\mathbb{Q}e1$ 2. e4+ C $\mathbb{Q}c4/\mathbb{Q}d4$ 3. e5+ $\mathbb{Q}d5$ 4. $\mathbb{Q}e7+$ A $\mathbb{Q}e6$ 5. $\mathbb{Q}f5+$ $\mathbb{Q}f7$
6. $\mathbb{Q}xd6\#$, 5... $\mathbb{Q}d5$ 6. $\mathbb{Q}d4\#$
(1... $\mathbb{Q}e4$ 2. $\mathbb{Q}fxe4$ [3. $\mathbb{Q}f4\#$] g5 3. f3 [4. $\mathbb{Q}e7\#$] $\mathbb{Q}e5$ 4. h8 \mathbb{Q} [5. $\mathbb{Q}d4+$
 $\mathbb{Q}xd4$ 6. $\mathbb{Q}xd4\#$])

First ever successive cyclic formation and play of three white batteries
with a cycle of second and fourth moves AB-BC-CA

†6

(13+10)

C050



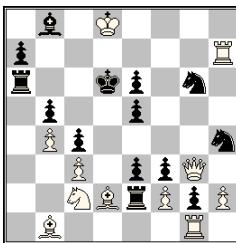
1. $\mathbb{b}3!$ [2. $\mathbb{Q}e5+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}d5+$ $\mathbb{Q}c6$ 4. $\mathbb{Q}d4+$ $\mathbb{Q}c5$ 5. $\mathbb{Q}e4+$ $\mathbb{Q}c6$ 6. $\mathbb{Q}d3\#$]
1... $\mathbb{g}xh5$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}d6$ 3. $\mathbb{Q}d5+$ $\mathbb{Q}c6$ 4. $\mathbb{Q}e5+$ $\mathbb{Q}d6$ 5. $\mathbb{Q}e4+$ $\mathbb{Q}c6$
6. $\mathbb{Q}f5\#$
(1... $\mathbb{Q}d2+$ 2. $\mathbb{Q}xd2$ $\mathbb{Q}c1$ 3. $\mathbb{Q}e5+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}d5+$ $\mathbb{Q}c6$ 5. $\mathbb{Q}d1+$ $\mathbb{Q}c5$
6. $\mathbb{Q}xc1\#$
1... $\mathbb{Q}c3+$ 2. $\mathbb{Q}xc3+bxc3$ 3. $\mathbb{Q}d3+$ $\mathbb{Q}d6$ 4. $\mathbb{Q}d5+$ $\mathbb{Q}c6$ 5. $\mathbb{Q}d4+$ $\mathbb{Q}c5$
6. b4#)

W \mathbb{Q} -batteries, Rehm mechanism

†6

(10+14)

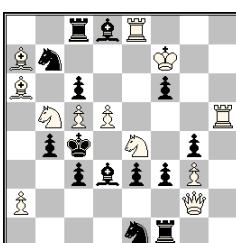
C051



- 1. ♜g4!** [2. ♜d7+ ♛c6 3. ♜e4+ ♛b6 4. ♜b7#/ $\mathbb{b}7\#$ or 3. ♜xe6+ ♜d6 4. ♜xd6#]
- 1... ♜d5 2. ♜e4+ ♛xe4 3. ♜xe3+ ♛f4 4. ♜xg2+ ♛g4 5. ♜xh4+ ♛h3 6. ♜xg4#
- 1... ♜xd2 2. ♜d7+ ♛c6 3. ♜d4+ ♜xd4 4. ♜xd4 exd4 5. ♜e4+ ♛b6 6. ♜b7#
- 1... e4 2. ♜xe4 e5 3. ♜d4 ♜f8 4. ♜xb5+ ♛e6 5. ♜e7+ ♛f6 6. ♜xh4# 3... ♜c7+ 4. ♜xc7 [5. ♜d7#] ♜f8 5. ♜c6+ ♜xc6 6. ♜xc6#
- 1... ♜f4 2. ♜g7 [3. ♜d7#] e4 3. ♜d4+ ♜d5 4. ♜d7+ ♛c6 5. ♜c5# 2... ♜c7+ 3. ♜xc7+ ♜d5 4. ♜xe3+ ♜xe3 5. ♜c5#
- #6 (11+14) 1... ♜f8 2. ♜d4 [3. ♜d7+ ♜xd7 4. ♜xe6#] ♜f5 3. ♜xb5+ ♛c6 4. ♜xc4+ ♛b6 5. ♜c5# 1... ♜e7 2. ♜xe7 [3. ♜xe6#] ♜f5 3. ♜d7+ ♛c6 4. ♜e4+ ♛b6 5. ♜b7#/ $\mathbb{b}7\#$
- 1... ♜c7+ 2. ♜xc7 [3. ♜d7+] ♜d5 3. ♜c5+ ♜d6 4. ♜d4 [5. ♜xb5#/ $\mathbb{b}5\#$] exd4 5. ♜xd4#

4 consecutive white batteries are fired, with the same front piece but different rear pieces; 3 of the batteries are assembled during the play

C052

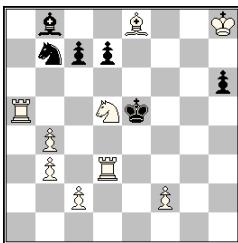


- 1. ♜c2!** [2. ♜b3#]
- 1... ♜xc2 2. ♜c7+ ♛d4 3. ♜e6+ ♛xe4 4. ♜g5+ 4... ♛xd5 5. ♜xf3+ ♛f5 6. ♜xf5#, 5... f5 6. ♜e5# 4... ♛d4 5. ♜e4+ ♛xd5 6. ♜c4#, 5... ♛xe4 6. ♜e6#
- 1... ♜xc2 2. ♜bd6+ ♛d4 3. ♜f5+ ♛xd5 4. ♜e7+ 4... ♛xe4 5. ♜xc6+ ♛e7 6. ♜xe7# 4... ♛d4 5. ♜d5+ ♛xe4 6. ♜xd3#, 5... cxd5 6. ♜f5#

Two variations showing mutual battery play of the white knight between the two rooks motivated by the un-guard of either d3 or c4
 Two sub-variations in each of the main variations, decided by the black king 4th move
 Two switchbacks of the white knight, one in each variation
 Sacrificial key

#6 (12+14)

C053



‡7

(9+6)

1. $\mathbb{Q}a1$ with multiple threats

1... $\mathbb{Q}d6$

(1... $c5$ 2. $\mathbb{Q}e1+$ $\mathbb{Q}d6$ 3. $\mathbb{Q}e7+$ $\mathbb{Q}c7$ 4. $\mathbb{Q}xd7+$ $\mathbb{Q}b6$ and mate in 3;

1... $\mathbb{Q}d6$ 2. $f4+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}e1+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xe4+$ $\mathbb{Q}f5$ 5. $\mathbb{Q}e5+$ $\mathbb{Q}g4$ 6. $\mathbb{Q}xd7+$ $\mathbb{Q}h4$ 7. $\mathbb{Q}h3\#$)

2. $\mathbb{Q}f4+$ $\mathbb{Q}e7$

(2... $\mathbb{Q}e5$ 3. $\mathbb{Q}h5$ $\mathbb{Q}c5$ 4. $\mathbb{Q}e1+$ $\mathbb{Q}f5$ 5. $\mathbb{Q}f3+$ $\mathbb{Q}g4$ 6. $\mathbb{Q}g3+$ $\mathbb{Q}f5$ 7. $\mathbb{Q}g6\#$)

3. $\mathbb{Q}e1+$ $\mathbb{Q}d8$ 4. $\mathbb{Q}e6+$ $\mathbb{Q}e7$

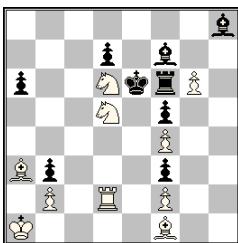
(4... $\mathbb{Q}xe8$ 5. $\mathbb{Q}g7+$ $\mathbb{Q}f7$ 6. $\mathbb{Q}f3+$ $\mathbb{Q}g6$ 7. $\mathbb{Q}g1\#$)

5. $\mathbb{Q}d4+$ $\mathbb{Q}d6$ (5... $\mathbb{Q}f6$ 6. $\mathbb{Q}g3$; 5... $\mathbb{Q}d8$ 6. $\mathbb{Q}c6+$ $\mathbb{Q}c8$ 7. $\mathbb{Q}xd7\#$)

6. $\mathbb{Q}e6+$ $dxe6$ 7. $\mathbb{Q}c6\#$

White's original battery on the 5th rank is recreated on the e-file, where it fires in sequence with the d-file battery

C054



‡7

(10+9)

Short threat 1. $\mathbb{Q}d3!$ ~ 2. $\mathbb{Q}d1$ ~ 3. $\mathbb{Q}c4$ $\mathbb{Q}xg6$ 4. $\mathbb{Q}e1+$ $\mathbb{Q}e5$ 5. $\mathbb{Q}xe5\#$ is a Foreplan to provoke Black to capture W $\mathbb{Q}f4$, but abandoning guard of g7. This prepares the thematic main plan of the full threat with 2 batteries

1. $\mathbb{Q}d3!$

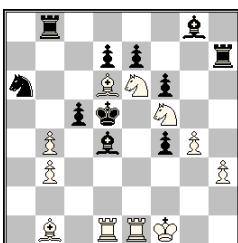
1... $\mathbb{Q}g7$ 2. $\mathbb{Q}d1$ $\mathbb{Q}h6$ 3. $\mathbb{Q}c4$ $\mathbb{Q}xf4$ 4. $\mathbb{Q}b6+$ $\mathbb{Q}e7$ 5. $\mathbb{Q}xf5+$ $\mathbb{Q}d8$

6. $\mathbb{Q}xd7+$ $\mathbb{Q}e8$ 7. $\mathbb{Q}g7\#$, 5... $\mathbb{Q}e8$ 6. $\mathbb{Q}g7+$ $\mathbb{Q}d8$ 7. $\mathbb{Q}xd7\#$

1... $\mathbb{Q}xd5$ 2. $\mathbb{Q}b5+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}e4$ $d6$ 4. $\mathbb{Q}xd6+$ $\mathbb{Q}e7$ 5. $\mathbb{Q}d7+$ $\mathbb{Q}e8$

6. $\mathbb{Q}xf6+$ $\mathbb{Q}xf6$ 7. $gxf7\#$

C055



‡7

(11+11)

1. $\mathbb{Q}e4+$? $\mathbb{Q}xe6$ 2. $\mathbb{Q}d3+$ $\mathbb{Q}d5$ 3. $b5?$ $\mathbb{Q}xb5!$

1. $\mathbb{Q}d8!$ [2. $\mathbb{Q}e4\#$]

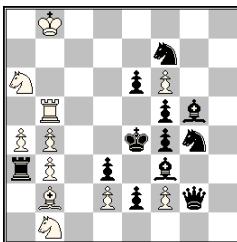
1... $\mathbb{Q}xd8$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}d3+$ $\mathbb{Q}d5$ 4. $b5$ [5. $\mathbb{Q}c4\#$] $\mathbb{Q}e3$ 5. $\mathbb{Q}xe3$ $fxe3$

6. $\mathbb{Q}e2+$ $\mathbb{Q}e4$ 7. $\mathbb{Q}g3\#$, 6... $\mathbb{Q}e6$ 7. $\mathbb{Q}c4+$

3... $\mathbb{Q}f7$ 4. $\mathbb{Q}xe7+$ $\mathbb{Q}g6$ 5. $\mathbb{Q}h4+$ $\mathbb{Q}g5$ 6. $\mathbb{Q}f3+$ $\mathbb{Q}h6$ 7. $\mathbb{Q}xf4\#$

4... $\mathbb{Q}f8$ 5. $\mathbb{Q}g7+$ $\mathbb{Q}e8$ 6. $\mathbb{Q}xg8+$ $\mathbb{Q}f7$ 7. $\mathbb{Q}c4\#$

C056

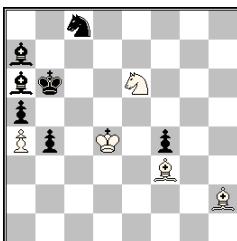


1. $\mathbb{Q}c7!$ [2. $\mathbb{Q}e5+$ $\mathbb{Q}gxe5/\mathbb{Q}fxe5$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}c3+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}xe6\#$]
 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}c5+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}d7+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xf6+$ $\mathbb{Q}xf6$ 5. $\mathbb{Q}c3+$ $\mathbb{Q}d4$
 6. $\mathbb{Q}d5+$ $\mathbb{Q}e4$ 7. $\mathbb{Q}xf6\#$
 1... $\mathbb{Q}xf2$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}d1+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}xf2+$ $\mathbb{Q}xf2$ 5. $\mathbb{Q}c5+$ $\mathbb{Q}d5$
 6. $\mathbb{Q}xd3+$ $\mathbb{Q}e4$ 7. $\mathbb{Q}xf2\#$

#7

(11+12)

C057



1. $\mathbb{Q}xf4?$ [2. $\mathbb{Q}c7\#$] $\mathbb{Q}a6\sim!$
 1. $\mathbb{Q}e5?$ A [2. $\mathbb{Q}g1\#$ B] $\mathbb{Q}b8+!$
1. $\mathbb{Q}g1!$ B [2. $\mathbb{Q}e5\#$ A]
 1... $\mathbb{Q}b8$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}b7$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}a7$ 4. $\mathbb{Q}c6+$ $\mathbb{Q}b6$ 5. $\mathbb{Q}xb6+$ $\mathbb{Q}a8$
 6. $\mathbb{Q}c7+$ $\mathbb{Q}xc7$ 7. $\mathbb{Q}xc7+$ $\mathbb{Q}b7$ 8. $\mathbb{Q}xb7\#$ (4... $\mathbb{Q}a8$ 5. $\mathbb{Q}c7+$ etc.)
 1... $\mathbb{Q}a6\sim$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}a6$ 3. $\mathbb{Q}c7\#$

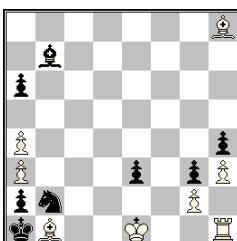
4 battery check on 2 lines

Threat reversal

#8

(5+7)

C058



After 1. $\mathbb{Q}c2$ (d3,f5,g6,h7)? $\mathbb{Q}xg2!$ 2. $\mathbb{Q}g1$ $\mathbb{Q}f3$ White can play 3. $\mathbb{Q}e4$!
 $\mathbb{Q}xe4$ 4. $\mathbb{Q}e2$ $\mathbb{Q}b1$ 5. $\mathbb{Q}e3$ a5 6. $\mathbb{Q}d2$ g2 7. $\mathbb{Q}c1$ $\mathbb{Q}\sim$ 8. $\mathbb{Q}xb2\#$, but
 3... $\mathbb{Q}d1!$ 4. $\mathbb{Q}g2$ e2 5. $\mathbb{Q}d2$ e1 $\mathbb{Q}6. \mathbb{Q}^*e1$ $\mathbb{Q}c2$ 7. $\mathbb{Q}xc2$ $\mathbb{Q}b1!$ or 5. $\mathbb{Q}xe2$
 $\mathbb{Q}xe2$ 6. $\mathbb{Q}d2$ g2 7. $\mathbb{Q}c2$ $\mathbb{Q}d1+$

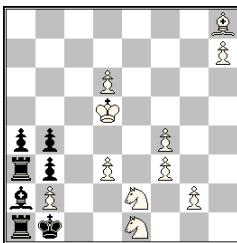
So

1. $\mathbb{Q}e4!$
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}e2+$ $\mathbb{Q}b1$ 3. $\mathbb{Q}xe3$ a5 4. $\mathbb{Q}d4$
 4... $\mathbb{Q}d1$ 5. $\mathbb{Q}c4+$ $\mathbb{Q}b2+$ 6. $\mathbb{Q}c3$ $\mathbb{Q}d1+$ 7. $\mathbb{Q}b3+$ $\mathbb{Q}b2/\mathbb{Q}c3$ 8. $\mathbb{Q}xc3\#$
 4... $\mathbb{Q}xa4$ 5. $\mathbb{Q}e3+$ $\mathbb{Q}b2$ 6. $\mathbb{Q}d2$ a4 7. $\mathbb{Q}c1$ $\mathbb{Q}\sim$ 8. $\mathbb{Q}xb2\#$

#8

(8+8)

C059



#8

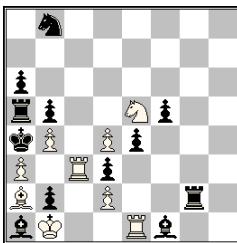
(11+7)

1. ♜d4! (Qe5?) [front Qd4 , rear Qh8]

1... Qxb2 2. **Qc5+** (Qc4+?) Qb1 3. Qb2 Qxb2 4. h8Q+ Qb1 5. d4 [front Qd4 , rear Qh8] Qb2 (5... Pb2 6. Qh7#) 6. **d5+** Qb1 7. Qd4 b2 8. Qd1#

Two different batteries are created on the same squares with different front pieces (bQd4/bPd4) and different rear pieces (wQh8/wQh8)

C060



#8

(9+12)

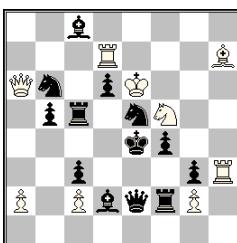
1. ♜b3+? Qxa3!

1. ♜e3!

1... Qxd2 2. Qb3+ Qxa3 3. **Qc2+** Qxb4 4. Qb3+ Qa4 5. **Qbxd3+** Qb4
6. Qb3+ Qa4 7. **Qa3+** Qb4 8. Qeb3#
(5... Qxc2? 6. Qa3+ Qb4 7. Qeb3#)

Grimshaw white
Zabunov
Umnov
Ambush
Switckback
Baterry play
Bristol

C061



#8

(9+13)

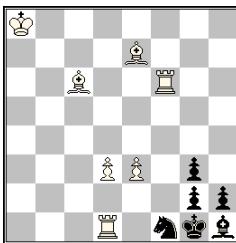
1. ♜xd6+? Qd4! (1... Qe3? 2. Qf5+)

1. ♜xg3+!

1... Qe3 2. Qf5+ Qe4 3. **Qxd6+** Qd4 4. **Qxb5+** Qc4 5. **Qd6+** Qd4
(5... Qb4 6. a3#) 6. **Qf5+ Qe4** 7. **Qg3+ Qe3** 8. **Qf1#**
1... Qd4 2. Qf5+ Qc4/Qe4 3. **Qxd6+** Qd4 4. **Qxb5+** Qc4 5. **Qd6+** etc.

W Q successively opens 4 different battery lines
All 8 moves are thematic

C062

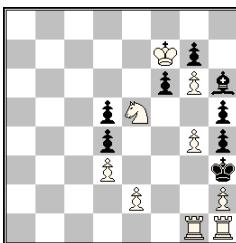


‡9

(7+6)

- 1. ♜f3! ♖f2 2. ♜g4+** (here is a try) ♖g1 3. ♜c6 ♖f2 4. ♜c2+ ♖g1
 5. ♜c8 ♖f2 6. ♜f8+ ♖g1 7. ♜f6 ♖f2 **8. ♜d4+ ♖g1 9. e4#**
 4... ♜d2 5. ♜dxd2+ ♖xe3 6. ♜e2+ ♖xd3 7. ♜f5+ ♖d4
 8. ♜f6+ ♖d5 9. ♜ed2#
 4... ♖xe3 5. ♜e1+ ♖xd3 6. ♜f5+ ♖d4 7. ♜f6+ ♖d5 8. ♜d1+
 ♜d2 9. ♜dxd2#
- Try: 2. ♜b4? g1 ♗! (2... ♜d2 3. ♜xd2+ ♖xe3 4. ♜e2+ ♖xd3 5. ♜d6+
 ♖c4 6. ♜c6+ ♖b3 7. ♜c3 ♖a3 8. ♜b2 ~ 9. ♜a6#; 2... g1 ♗ 3. ♜xh1+
 ♖e2 4. ♜f3+ ♖f2 5. ♜e4+ ♖xe3 6. ♜c5+ ♖e2 7. ♜f3#) 3. ♜xh1+ ♖e2!
 (3... ♜f3 4. ♜xf3+ ♖e2 5. ♜xf1 g2 6. ♜xg2 h1 ♗ 7. ♜xh1 ♖xe3 8. ♜c5+
 ♖e2 9. ♜f3#) 4. ♜e1+ ♖xd3 5. ♜d6+ ♖c4! 6. ♜c1+ ♖b3! 7. ♜d5+ ♖b2
 8. ♜a3+ ♖xa3 9. ♜b1 & 10. ♜a6#, too long

C063



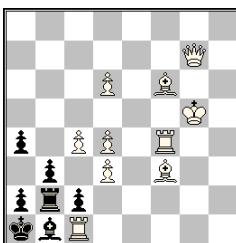
‡9

(9+8)

- 1.g5!**
 1...fxg5 (1... ♖xg5? leads to short mate) 2. ♜g4 hxg4 3. ♜e6 g3
4.hxg3+ ♖g4 5.gxh4+ ♖h5 6.hxg5+ ♖xg6 7.gxh6+ ♖h7 8.hxg7+ ♖g8 9. ♖h8#

White fires his h-file battery and creates a new battery on the g-file, which also fires and recreates the battery on the h-file. This process is repeated, with the h-file battery firing 3 times and the g-file battery twice

C064

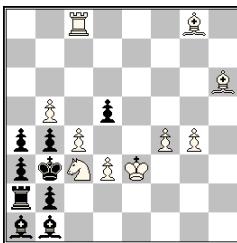


‡9

(10+7)

- 1. ♜b7!**
 1...a3 2. ♜xb3 ♜xb3 **3.d5+ ♜b2 4. ♜d4 ♜~ 5. ♜e4+ ♜b2 6. ♜xc2 ♜xc2 7. ♜e1+ ♜b1 8. ♜d1 ♜~ 9. ♜(x)c2#**

C065



‡9

(10+9)

Seven different batteries

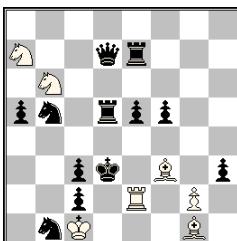
1... ♜xc3 2. cxd5+ ♜b3 3. d6#

1. ♜e2? ♜c2!

1.cxd5!

1... bxc3 (1... ♜c2 2. ♜xb1 with mate in 6) 2. d6+ ♜c2 (2... ♜b4 3. d7 with mate in 4) 3. ♜e2 ♜c1 4. f5+ (but not 4. ♜xc3? ♜c2 5. f5 with mate on 12th move) ♜c2 5. ♜c4 (not 5. ♜e1? ♜xd3 6. d7 ♜e4 7. ♜f2 ♜e5 8. d8= ♜c2 9. ♜d5 - mate on 10th move) ♜b3 6. ♜f4+ ♜c2 7. ♜c4 (not 7. ♜e1? ♜xd3 8. d7 - mate on 10-th move) ♜c1 8. ♜f2+ ♜c2 9. ♜e1#

C066



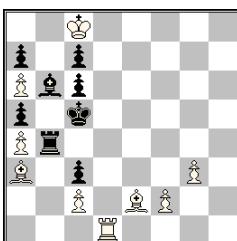
‡10

(7+12)

1. ♜e3+!

1... ♜d4 2. ♜e1+ ♜d3 3. g3 [4. ♜e2+ ♜e4 5. ♜d1+ ♜d3 6. ♜xc2#] ♜5a3! 4. ♜c6 [5. ♜e3#] ♜xc6 5. ♜e2+ ♜e4 6. ♜g4+ ♜d3 7. ♜xf5+ e4 8. ♜e3+ ♜d4 9. ♜xe4+ ♜d3 10. ♜e5#
(4... ♜c4 5. ♜e2+ ♜e4 6. ♜d1+ ♜e3 7. ♜xe3#; 6... ♜d3 7. ♜xc2#;
3... ♜d4 4. ♜e3#, 3... ♜1a3 4. ♜e2+ ♜e4 5. ♜g4+ ♜d3 6. ♜xh3 7. ♜f1#)
(4. ♜e2+? ♜e4 5. ♜g4+ ♜d3 6. ♜c6 ($\text{W} \times \text{c6}$?) f4!, 3. ♜c6? ♜xc6!)

C067



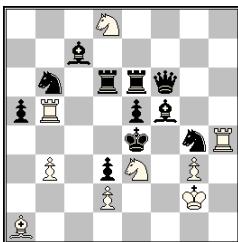
‡11

(9+8)

1. ♜d3!

1... ♜c4 2. ♜d8+ ♜c5 3. ♜h5 ♜c4 4. ♜f7+ ♜c5 5. ♜d7 ♜d4 6. ♜e6+ ♜c4 7. ♜e5+ ♜c5 8. ♜h5 ♜c4 9. ♜e2+ ♜c5 10. ♜d3 ♜c4 11. ♜d5#

C068



1. $\mathbb{Q}xe5?$ $\mathbb{Q}xe5/\mathbb{Q}xe5!$

1. $\mathbb{Q}d1!$ [2. $\mathbb{Q}f2\#$]

(1... $\mathbb{Q}h7?$ 2. $\mathbb{Q}xg4 \mathbb{Q}f5$ 3. $\mathbb{Q}e3\#$, 2... $\mathbb{Q}f4$ 3. $\mathbb{Q}xf4+$ ef 4. $\mathbb{Q}f2\#$)

1... $\mathbb{Q}xh4$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}a4+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}c5+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}cxе6+$ $\mathbb{Q}e4$
6. $\mathbb{Q}c5+$ $\mathbb{Q}d5$ 7. $\mathbb{Q}a4+$ $\mathbb{Q}e4$ 8. $\mathbb{Q}c3+$ $\mathbb{Q}d4$ 9. $\mathbb{Q}d1+$ $\mathbb{Q}e4$ 10. $\mathbb{Q}f2+$ $\mathbb{Q}xf2$
11. $\mathbb{Q}xe5\#$

Four battery checks in sequence with two different rear pieces

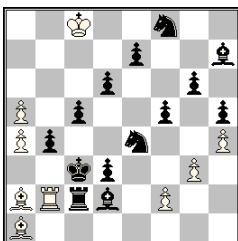
‡11

(9+11)

Logical play by white to eliminate black guards on e5

Five W \mathbb{Q} switchbacks and pendulum play of B \mathbb{Q}

C069



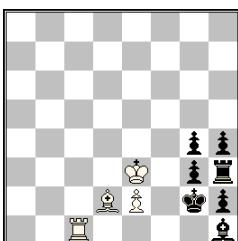
1. $\mathbb{M}b3+!$

1... $\mathbb{Q}c4$ 2. $\mathbb{M}c3+$ $\mathbb{Q}d4$ 3. $\mathbb{M}c4+$ $\mathbb{Q}d5$ 4. $\mathbb{M}d4+$ $\mathbb{Q}e5$ (4... $\mathbb{Q}c6$ 5. $\mathbb{M}d5\#$)
5. $\mathbb{M}d5+$ $\mathbb{Q}e6$ 6. $\mathbb{M}e5+$ $\mathbb{Q}f6$ 7. $\mathbb{M}e6+$ $\mathbb{Q}f7$ 8. $\mathbb{M}f6+$ $\mathbb{Q}g7$ (8... $\mathbb{Q}e8$
5. $\mathbb{M}f7\#$) 9. $\mathbb{M}f7+$ $\mathbb{Q}g8$ (9... $\mathbb{Q}h6$ 5. $\mathbb{Q}g7\#$) 10. $\mathbb{M}g7+$ $\mathbb{Q}h8$ 11. $\mathbb{M}g8\#$

‡11

(9+14)

C070



1. $\mathbb{Q}e1!$

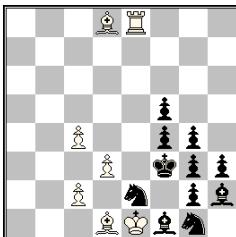
(1. $\mathbb{Q}d3?$ $\mathbb{Q}f2$ 2. $\mathbb{Q}e1+$ $\mathbb{Q}f1$ 3. $\mathbb{Q}a5+$ $\mathbb{Q}g2$ 4. $\mathbb{Q}d8$ $\mathbb{Q}f2$ 5. $\mathbb{Q}b6+$ $\mathbb{Q}g2$ 6. $e4$
 $\mathbb{Q}f3$ 7. $\mathbb{Q}c5$ $\mathbb{Q}f2$ 8. $\mathbb{Q}f5+$ $\mathbb{Q}g2$ 9. $\mathbb{Q}e3$ $\mathbb{Q}g1$ 10. $\mathbb{Q}e2+$ $\mathbb{Q}g2$ 11. $\mathbb{Q}c5$ $\mathbb{Q}g1$
12. $\mathbb{Q}c3+$ $\mathbb{Q}g2$ 13.?)

1... $\mathbb{Q}f1$ 2. $\mathbb{Q}a5+$ $\mathbb{Q}g2$ 3. $\mathbb{Q}d3$ $\mathbb{Q}f2$ 4. $\mathbb{Q}b6+$ $\mathbb{Q}g2$ 5. $e4$ $\mathbb{Q}f3$ 6. $\mathbb{Q}c5$ $\mathbb{Q}f2$
7. $\mathbb{Q}f5+$ $\mathbb{Q}g2$ 8. $\mathbb{Q}e3$ $\mathbb{Q}g1$ 9. $\mathbb{Q}e2+$ $\mathbb{Q}g2$ 10. $\mathbb{Q}c5$ $\mathbb{Q}g1$ 11. $\mathbb{Q}c3+$ $\mathbb{Q}g2$
12. $\mathbb{Q}e3$ $\mathbb{Q}g1$ 13. $\mathbb{Q}xg3\#$

‡13

(4+7)

C071



1... $\mathbb{Q}e7!$

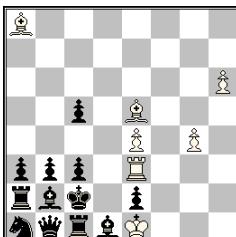
1... $\mathbb{Q}e3$ 2. $\mathbb{B}f6+$ $\mathbb{Q}f3$ 3. $\mathbb{Q}e5$ $\mathbb{Q}e3$ 4. $\mathbb{B}c3+$ $\mathbb{Q}f3$ 5. $\mathbb{B}d8$ $\mathbb{Q}e3$ 6. $\mathbb{B}d2+$ $\mathbb{Q}f3$ 7. $\mathbb{B}a5$ $\mathbb{Q}e3$ 8. $\mathbb{B}b6+$ $\mathbb{Q}f3$ (8... $\mathbb{Q}d4?$ 9. $\mathbb{B}xd4\#$) 9. $\mathbb{B}d4$ $\mathbb{Q}e3$
10. $\mathbb{B}d5+$ $\mathbb{Q}f3$ (10... $\mathbb{Q}d4?$ 11. $\mathbb{B}xd4\#$) 11. $\mathbb{B}c5$ $\mathbb{Q}e3$ 12. $\mathbb{B}e5+$ $\mathbb{Q}f3$
13. $\mathbb{B}e3$ $\mathbb{Q}xe3$ 14. $\mathbb{B}xf5\#$

Interchange of functions of W \mathbb{B} -W \mathbb{Q} as front piece & rear piece. The front piece plays its role on two different squares on each battery. White sacrifice so that the black pawn moves off the mating line. Pin-mate

‡14

(7+11)

C072



1. $\mathbb{B}h3!$

1... $c4$ 2. $\mathbb{Q}g3$ $\mathbb{Q}d3$ 3. $\mathbb{B}f2+$ $\mathbb{Q}c2$ 4. $\mathbb{B}h5$ $\mathbb{Q}d3$ 5. $\mathbb{B}d5+$ $\mathbb{Q}c2$ 6. $\mathbb{B}f5$ $\mathbb{Q}d3$
7. $\mathbb{B}f3+$ $\mathbb{Q}c2$ 8. $\mathbb{B}f8$ $\mathbb{Q}d3$ 9. $\mathbb{B}d8+$ $\mathbb{Q}c2$ 10. $\mathbb{B}d5$ $\mathbb{Q}d3$ 11. $\mathbb{B}c6+$ $\mathbb{Q}c2$
12. $\mathbb{B}d7$ $\mathbb{Q}d3$ 13. $\mathbb{B}f5+$ $\mathbb{Q}c2$ 14. $e5\#$
(5... $\mathbb{Q}e4?$ 6. $\mathbb{B}f5+$ $\mathbb{Q}d3$ 7. $\mathbb{B}f3+$ $\mathbb{Q}c2$ 8. $\mathbb{B}e4\#$)

Indian

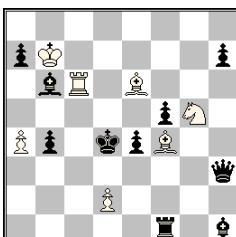
Zabunov

Battery creation

‡14

(7+12)

C073



1. $\mathbb{B}c4\#?$ (plan-0), but 1... $\mathbb{Q}d3!$ Need d4 exd3 e.p. (plan-1)

a) 1. $\mathbb{B}d6+$ $\mathbb{Q}c5$ 2.d4+?, but 2...exd3 e.p.+! Need $\mathbb{Q}f3$ $\mathbb{B}xf3$ (plan-2)

b) 1. $\mathbb{B}d6+$ $\mathbb{Q}c5$ 2. $\mathbb{Q}f3?$ (3. $\mathbb{B}c6\#$) $\mathbb{B}xf3?$ (plan-1) 3.d4+ exd3 e.p.

(plan-2) 4. $\mathbb{B}c6+$ $\mathbb{Q}d4$ 5. $\mathbb{B}c4\#$ (plan-0), but 2... $\mathbb{B}xf3!$ Need $\mathbb{B}g3$ (plan-3)

1. $\mathbb{B}d6+$ $\mathbb{Q}c5$ 2. $\mathbb{B}d5+$ $\mathbb{Q}c4$ 3. $\mathbb{B}d7+$ $\mathbb{Q}c5$ 4. $\mathbb{B}d6+$ $\mathbb{Q}d4$ 5. $\mathbb{B}g3+$

(plan-3) $\mathbb{Q}c5$ (It's still too early for 6. $\mathbb{Q}f3?$ (plan-2) f4! (6... $\mathbb{B}xf3?$) - the threat must be $\mathbb{B}c6+$ (plan-2a)) 6. $\mathbb{B}d5+$ $\mathbb{Q}c4$ 7. $\mathbb{B}d6+$ $\mathbb{Q}c5$ 8. $\mathbb{Q}f3!$

[9. $\mathbb{B}c6\#$, plan-2a] $\mathbb{B}xf3$ (plan-2) (8... $\mathbb{B}xf3/b3$ - ‡13) 9. $\mathbb{B}d5+$! $\mathbb{Q}c4$

(9. $\mathbb{Q}e5?$ b3!) 10. $\mathbb{B}d7+$ $\mathbb{Q}c5$ 11. $\mathbb{B}d6+$ $\mathbb{Q}d4$ 12. $\mathbb{B}f4+$ $\mathbb{Q}c5$ 13. $\mathbb{B}d5+$

(13.d4+? exd3 e.p. 14. $\mathbb{B}d5+$ $\mathbb{Q}c4$ 15. $\mathbb{B}d6+$ $\mathbb{Q}c3!$) $\mathbb{Q}c4$ 14. $\mathbb{B}d6+$ $\mathbb{Q}c5$

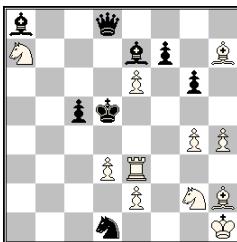
15.d4+ exd3 e.p. (plan-1) 16. $\mathbb{B}c6+$ $\mathbb{Q}d4$ 17. $\mathbb{B}c4\#$ (plan-0), model mate.

‡17

(7+10)

Different batteries play sequentially four times

C074



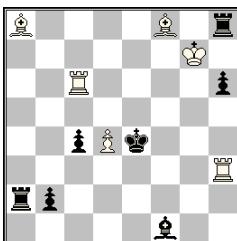
‡17

(11+8)

1. $\blacksquare e5+$!

- 1... $\blacksquare d6$ (1... $\blacksquare d4$ 2. $\blacksquare b5\#$)
2. $\blacksquare e4+$ $\blacksquare d5$ 3. $\blacksquare f4+$ $\blacksquare d6$
4. $\blacksquare xg6+$ $\blacksquare d5$
5. $\blacksquare f4+$ $\blacksquare d6$
6. $\blacksquare g2+$ $\blacksquare d5$ 7. $\blacksquare e5+$ (7. $\blacksquare f5$? too slow, 7. $\blacksquare e4$??) $\blacksquare d6$
8. $\blacksquare e3+$ $\blacksquare d5$ 9. $\blacksquare e4+$ $\blacksquare xe6$
10. $\blacksquare f5+$ $\blacksquare d5$ (10... $\blacksquare f6$ 11. $\blacksquare e5\#$)
11. $\blacksquare e5+$ (11. $\blacksquare f4+$? $\blacksquare d4\#$) $\blacksquare d6$
12. $\blacksquare e4+$ $\blacksquare d5$ 13. $\blacksquare f4+$ $\blacksquare d6$
14. $\blacksquare e6+$ $\blacksquare d5$ (14... $\blacksquare d7$ 15. $\blacksquare c7$, $\blacksquare g7\#$)
15. $\blacksquare e5+$ $\blacksquare d6+$ 16. $\blacksquare d5+$ $\blacksquare xd5$ 17. $\blacksquare e4\#$

C075



‡19

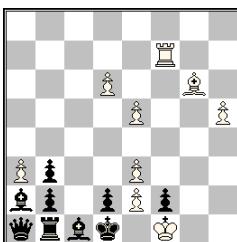
(6+7)

1. $\blacksquare e6+$? $\blacksquare f5$ 2. $\blacksquare f6+$ $\blacksquare g4$)

1. $\blacksquare a6+$!

- 1... $\blacksquare xd4$ 2. $\blacksquare d6+$ $\blacksquare c5$
3. $\blacksquare c6+$ $\blacksquare d5$
- (3.. $\blacksquare b5$ 4. $\blacksquare h5+$ $\blacksquare a4$ 5. $\blacksquare b6$; 3... $\blacksquare d4$ 4. $\blacksquare c5+$ $\blacksquare d5$ 5. $\blacksquare h5+$ $\blacksquare e4$
6. $\blacksquare e6+$ $\blacksquare d3$ (6... $\blacksquare f4$ 7. $\blacksquare e4+$ $\blacksquare f3$ 8. $\blacksquare e3+$ $\blacksquare g4$ 9. $\blacksquare f3+$ $\blacksquare f4$
10. $\blacksquare h4+$) 7. $\blacksquare e3+$ $\blacksquare c2$ 8. $\blacksquare h2+$ $\blacksquare e2$ 9. $\blacksquare hxe2+$)
4. $\blacksquare c5+$ $\blacksquare d4$ 5. $\blacksquare d5+$ $\blacksquare e4$
6. $\blacksquare a5+$ $\blacksquare d4$ 7. $\blacksquare c5+$ $\blacksquare e5$
8. $\blacksquare a3+$ $\blacksquare d4$
9. $\blacksquare d5+$ $\blacksquare e4$
10. $\blacksquare d8+$ $\blacksquare e5$ 11. $\blacksquare e3+$ $\blacksquare f5$ 12. $\blacksquare f3+$ $\blacksquare e6$ 13. $\blacksquare d6+$
- (13. $\blacksquare f6+$? $\blacksquare e5$ 14. $\blacksquare d5+$ $\blacksquare e4$ 15. $\blacksquare e6+$ $\blacksquare f3$ 16. $\blacksquare d3+$ $\blacksquare f4$ 17. $\blacksquare e4+$ $\blacksquare f5$ 18. $\blacksquare f3+$ $\blacksquare g5$)
- 13... $\blacksquare e5$ 14. $\blacksquare d5+$ $\blacksquare e4$
15. $\blacksquare d8+$ $\blacksquare e5$ 16. $\blacksquare d6+$ $\blacksquare d4$
17. $\blacksquare f8+$ $\blacksquare e5$
18. $\blacksquare e8+$ $\blacksquare d4$ 19. $\blacksquare e4\#$

C076



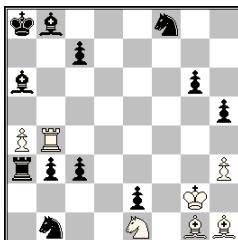
‡19

(9+9)

1. $\blacksquare f7??$

- 1. $\blacksquare f5!$ $\blacksquare c2$ 2. $\blacksquare f8+$ $\blacksquare d1$ 3. $\blacksquare f7$ $\blacksquare c2$ 4. $\blacksquare c8+$ $\blacksquare d1$ 5. $\blacksquare c4$ $\blacksquare c2$**
6. $\blacksquare g8+$ (6. $\blacksquare d3+$? $\blacksquare d1$ 7. $\blacksquare c2+bc2$ 8. $\blacksquare g8$ $\blacksquare xg8$) $\blacksquare d1$ 7. $\blacksquare f8$ $\blacksquare c2$
8. $\blacksquare h7+$ $\blacksquare d1$ 9. $\blacksquare f5$ $\blacksquare c2$
10. $\blacksquare f7+$ $\blacksquare d1$ 11. $\blacksquare g8$ $\blacksquare c2$ 12. $\blacksquare c7+$ $\blacksquare d1$
13. $\blacksquare c4$ $\blacksquare c2$
14. $\blacksquare d3+$ $\blacksquare d1$ 15. $\blacksquare c2+bcx2$ 16. $\blacksquare g7$ $\blacksquare \sim$ 17. $\blacksquare xf2$
- $\blacksquare g6(g4,g2)$ 18. $\blacksquare x\blacksquare$ - 19. $\blacksquare g1$
- 16... $\blacksquare c4$ 17. $\blacksquare xf2$ $\blacksquare xe2$ 18. $\blacksquare g1+$ $\blacksquare f1$ 19. $\blacksquare xf1\#$

C077



‡20

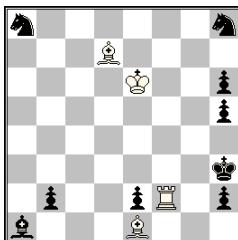
(7+12)

1. ♕f2+! ♜a7 2. ♕f3+ ♜a8 3. ♕e3+ ♜a7 4. ♕e4+ ♜a8 5. ♕d4+ ♜a7
6. ♕d5+ ♜a8 7. ♕c5+ ♜a7 8. ♕c6+ ♜a8 9. h4!

After 9... ♜a1/ ♜a2/b2/c2 (any other black move leads to a shorter mate) follows:

10. ♕c5+ ♜a7 11. ♕d5+ ♜a8 12. ♕d4+ ♜a7 13. ♕e4+ ♜a8 14. ♕e3+ ♜a7 15. ♕f3+ ♜a8 16. ♕f2+ ♜a7 17. ♕g2+ ♜a8 (or 17... c5 18. ♜xc5+ ♜a8 19. ♜h3+/ ♜g1+/ ♜f2+ ♜b7 20. ♜xb7#) 18. ♜h3+ c6 19. ♜xc6+ ♜b7 20. ♜xb7#

C078



‡39

(4+9)

1. ♔f5? ♜b6! 2. ♔e5 ♔g3

1. ♔f6+!

- 1... ♔g3 2. ♜f5+ ♔g2 (2... ♔h3 3. ♜g5#, 2... ♜g4 3. ♜f1#)
3. ♜c6+ ♔g1 4. ♜f2+ ♔f1 5. ♜c5+ ♔e1 6. ♜b4+ ♔d1 7. ♜a4+ ♔c1
8. ♜c5+ ♔b1 9. ♜c2+ ♔c1 10. ♜e4+ ♔d1 11. ♜d5+ ♔c1 12. ♜d2+ ♔d1 13. ♜xh6+ ♔e1 14. ♜d2+ ♔d1
- (14... ♔f2 15. ♜f5+ ♔g3 16. ♜e1+)
15. ♜g5+ ♔e1 16. ♜h4+ ♔f1 17. ♜f5+ ♔g1 18. ♜g5+ ♔f1 19. ♜g2+ ♔g1 20. ♜xa8+ ♔f1 21. ♜g2+ ♔g1 22. ♜e5+ ♔f1 23. ♜f5+ ♔g1
24. ♜f2+ ♔f1 25. ♜c5+ ♔e1 26. ♜b4+ ♔d1 27. ♜b3+ ♔c1 28. ♜c5+ ♔b1 29. ♜xh5 ♔c1 30. ♜c5+ ♔b1 31. ♜d5 ♜g6 32. ♜xg6 h1 ♜
33. ♜xh1 ♔a2 34. ♜d5+ ♔b1 35. ♜c4 e1 ♜ 36. ♜xe1 ♔a2 37. ♜d4+ ♔a3 (37... ♔b1 38. ♜b3) 38. ♜d3+ ♔a4 39. ♜c6#



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

**ENTRIES
SECTION D: ENGAME STUDIES**

July 2016

Judging countries

Finland, Germany, Great Britain, Israel, Netherlands
(Armenia as reserve)

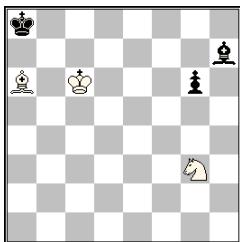
Theme

A logical study with the foresight theme. In a win or a draw study, there is at least one logical try. In this try a critical position **B** occurs that is very similar to a critical position **A** in the solution, except for a small difference.

Studies in which the critical positions are based on a reciprocal zugzwang (i.e. the difference is that position **A** has BTM and position **B** has WTM) are non-thematic. Further, studies that only feature the 7th WCCT theme as the foresight theme (passive removal of a white piece as a *Vorplan* and returning to the position and executing the main plan) are also non-thematic.

Judges and composers are advised to let artistic content prevail over numbers (number of moves, multiple positions A/B, tasks).

D001

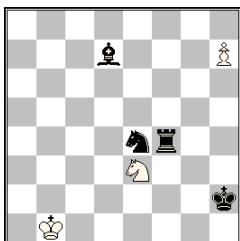


+

(3+3)

Thematic try: 1. $\mathbb{Q}e4?$ $g5!$ (1... $\mathbb{Q}b8?$ 2. $\mathbb{Q}f6 +$, 1... $\mathbb{Q}a7?$ 2. $\mathbb{Q}b7$ $g5$)
 3. $\mathbb{Q}d6!$ see try in a try (+) 2. $\mathbb{Q}b7 +$ $\mathbb{Q}b8!$
(Thematic try in a try: 2... $\mathbb{Q}a7?$ 3. $\mathbb{Q}d6!$ $\mathbb{Q}b8$ 4. $\mathbb{Q}b6$ $\mathbb{Q}d3$ 5. $\mathbb{Q}f7$ $\mathbb{Q}b5!$)
 6. $\mathbb{Q}e5!$ $g4$ **Bb** 7. $\mathbb{Q}xg4$ $\mathbb{Q}e2$ 8. $\mathbb{Q}e5$ (8. $\mathbb{Q}f6?$ $\mathbb{Q}g4!$ 9. $\mathbb{Q}xg4$ stalemate)
 $\mathbb{Q}b5$ 9. $\mathbb{Q}f3$ / $\mathbb{Q}d5$ / $\mathbb{Q}e4$ / $\mathbb{Q}g2$ $\mathbb{Q}a4$ (9... $\mathbb{Q}f1$ 10. $\mathbb{Q}c6 +$ $\mathbb{Q}c8$ 11. $\mathbb{Q}g4 \#$)
 10. $\mathbb{Q}g4$ $\mathbb{Q}c2$ 11. $\mathbb{Q}c6 +$ $\mathbb{Q}a8$ 12. $\mathbb{Q}c8$ $\mathbb{Q}e4$ 13. $\mathbb{Q}b7 \#$)
 3. $\mathbb{Q}c5$ $\mathbb{Q}a7!$ 4. $\mathbb{Q}c7$ $\mathbb{Q}f5$ 5. $\mathbb{Q}b3$ $\mathbb{Q}d7!$ 6. $\mathbb{Q}d4$ $g4 =$ **B(Ba)**
 1. $\mathbb{Q}c7!$ (1. $\mathbb{Q}b6?$ $g5$ 2. $\mathbb{Q}b7 +$ $\mathbb{Q}b8$ 3. $\mathbb{Q}e2$ $\mathbb{Q}f5!$ 4. $\mathbb{Q}d4$ $\mathbb{Q}d7$ 5. $\mathbb{Q}b3$ $\mathbb{Q}c8$ =, 1. $\mathbb{Q}b7 +$ $\mathbb{Q}b8!$ etc =) $\mathbb{Q}a7$ 2. $\mathbb{Q}b7$ $g5$ 3. $\mathbb{Q}e2$ $\mathbb{Q}f5$ 4. $\mathbb{Q}d4$ $\mathbb{Q}d7!$ **A**
 5. $\mathbb{Q}f3!$ (5. $\mathbb{Q}d5$ / $\mathbb{Q}e4$ / $\mathbb{Q}g2$ $\mathbb{Q}a4!$ 6. $\mathbb{Q}b7$ (6. $\mathbb{Q}c4?$ $g4!$ 7. $\mathbb{Q}f5$ $\mathbb{Q}d1!$ 8. $\mathbb{Q}d6$ $\mathbb{Q}f3$ =) $\mathbb{Q}d7$ waste of time) $g4$ (5... $\mathbb{Q}h3$ 6. $\mathbb{Q}c6 +$ $\mathbb{Q}a6$ 7. $\mathbb{Q}e2 \#$ - echo for try in a try) 6. $\mathbb{Q}e2$ $\mathbb{Q}a4$ 7. $\mathbb{Q}f5$ $\mathbb{Q}b3$ (7... $\mathbb{Q}c2$ 8. $\mathbb{Q}d6!$ $\mathbb{Q}b3$ 9. $\mathbb{Q}c8 +$ $\mathbb{Q}a8$ 10. $\mathbb{Q}d3$ $\mathbb{Q}d5$ 11. $\mathbb{Q}b6 +$ -) 8. $\mathbb{Q}e7!$ (8. $\mathbb{Q}d6?$ $\mathbb{Q}a8!$ 9. $\mathbb{Q}c8$ $\mathbb{Q}c2!$ 10. $\mathbb{Q}d6$ $\mathbb{Q}b3$ =) $\mathbb{Q}c2$ 9. $\mathbb{Q}c6 +$ $\mathbb{Q}a8$ 10. $\mathbb{Q}a6$ $\mathbb{Q}e4$ 11. $\mathbb{Q}b7 \#$ echo for try in a try

D002

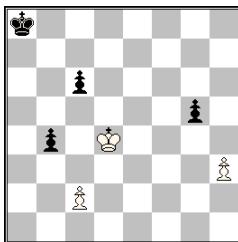


+

(3+4)

1. $\mathbb{Q}h8 +$ $\mathbb{Q}g3$
Thematic try: 2. $\mathbb{Q}e5?$ **B1** $\mathbb{Q}c6?$ 3. $\mathbb{Q}f1 +$! $\mathbb{Q}f3$ (3... $\mathbb{Q}g4$ 4. $\mathbb{Q}e6 +$ $\mathbb{Q}g5/h5$ 5. $\mathbb{Q}e3!$!) 4. $\mathbb{Q}h5 +$, but 2... $\mathbb{Q}f3$ 3. $\mathbb{Q}d5$ **B2** $\mathbb{Q}g4!$ (or 3... $\mathbb{Q}h5!$?) 4. $\mathbb{Q}d4$ $\mathbb{Q}f5$ 5. $\mathbb{Q}e3 +$ $\mathbb{Q}g2$ 6. $\mathbb{Q}f4 +$ $\mathbb{Q}h2$ 7. $\mathbb{Q}b2$ $\mathbb{Q}g4$ 8. $\mathbb{Q}h3 +$ $\mathbb{Q}g1$ 9. $\mathbb{Q}f3!$ $\mathbb{Q}g5$ 10. $\mathbb{Q}e2 +$ $\mathbb{Q}h2$ 11. $\mathbb{Q}f4 +$ $\mathbb{Q}h3$ 12. $\mathbb{Q}a3$ $\mathbb{Q}g6$, =) 4. $\mathbb{Q}d4$ (4. $\mathbb{Q}f6$ $\mathbb{Q}xf6$ 5. $\mathbb{Q}xf6 +$ $\mathbb{Q}g2$ / $\mathbb{Q}f4$, =) $\mathbb{Q}f5!$ 5. $\mathbb{Q}e3 +$ $\mathbb{Q}g2$ 6. $\mathbb{Q}f4 +$ $\mathbb{Q}h2$ 7. $\mathbb{Q}b2$ $\mathbb{Q}g3$ or $\mathbb{Q}g5$, draws
2. $\mathbb{Q}g7 +$! $\mathbb{Q}g4$ 3. $\mathbb{Q}e5$ **A1 $\mathbb{Q}f3$ 4. $\mathbb{Q}d5!$ **A2** (4. $\mathbb{Q}g2?$ $\mathbb{Q}f6!$ 5. $\mathbb{Q}e1 +$ $\mathbb{Q}e3$ 6. $\mathbb{Q}c2 +$ $\mathbb{Q}f3!$ 7. $\mathbb{Q}d4$ $\mathbb{Q}f5!$, =) **B1** cannot play to g4 (4... $\mathbb{Q}f8$ 5. $\mathbb{Q}d4$ $\mathbb{Q}f2$ (5... $\mathbb{Q}b8 +$ 6. $\mathbb{Q}a2$ $\mathbb{Q}a8 +$ 7. $\mathbb{Q}b3$ $\mathbb{Q}b8 +$ 8. $\mathbb{Q}a3!$ (7. $\mathbb{Q}a4?$ $\mathbb{Q}d7 +$) $\mathbb{Q}a8 +$ 9. $\mathbb{Q}b4$ $\mathbb{Q}f2$ 10. $\mathbb{Q}e3 +$ $\mathbb{Q}g2$ 11. $\mathbb{Q}f4 +$ $\mathbb{Q}f1$ 12. $\mathbb{Q}c1 +$ $\mathbb{Q}d1$ 13. $\mathbb{Q}c6!$ $\mathbb{Q}b8$ 14. $\mathbb{Q}c3$ $\mathbb{Q}e1$ 15. $\mathbb{Q}e6 +$ $\mathbb{Q}f1$ 16. $\mathbb{Q}a6 +$ $\mathbb{Q}e1$ 17. $\mathbb{Q}g2$ again mate!, if 15... $\mathbb{Q}e2$ 15. $\mathbb{Q}g2 +$ $\mathbb{Q}e1$ 16. $\mathbb{Q}g1 +$ $\mathbb{Q}f1$ 17. $\mathbb{Q}d3 +$! $\mathbb{Q}xd3$ 18. $\mathbb{Q}g3 +$ 19. $\mathbb{Q}xb8))$ 6. $\mathbb{Q}e3 +$ $\mathbb{Q}g2$ 7. $\mathbb{Q}f4 +$ $\mathbb{Q}d1$ 8. $\mathbb{Q}c1 +$ $\mathbb{Q}d1$ 9. $\mathbb{Q}c4 +$ $\mathbb{Q}g1$ 10. $\mathbb{Q}b4!$ (threat 11. $\mathbb{Q}e1 +$) $\mathbb{Q}e8$ 1. $\mathbb{Q}c5!$ $\mathbb{Q}g4$ 12. $\mathbb{Q}d3!$ $\mathbb{Q}e2$ 13. $\mathbb{Q}c1 +$ $\mathbb{Q}h2$ (13... $\mathbb{Q}g2$ 14. $\mathbb{Q}f4 +$!) 14. $\mathbb{Q}f4 +$ $\mathbb{Q}g2$ 15. $\mathbb{Q}xf2!$, wins)
5. $\mathbb{Q}d4$ $\mathbb{Q}f2$ 6. $\mathbb{Q}e3 +$ $\mathbb{Q}g2$ 7. $\mathbb{Q}f4 +$ $\mathbb{Q}f1$ 8. $\mathbb{Q}g3!$ $\mathbb{Q}e2$ 9. $\mathbb{Q}g2 +$ $\mathbb{Q}e1$ 10. $\mathbb{Q}g1 +$ $\mathbb{Q}f1$ 11. $\mathbb{Q}g3!$ $\mathbb{Q}b5 +$ (11... $\mathbb{Q}e2$ 12. $\mathbb{Q}g2 +$! $\mathbb{Q}d2$ 13. $\mathbb{Q}e3 +$!) 12. $\mathbb{Q}a2$ $\mathbb{Q}a5 +$ 13. $\mathbb{Q}b3$ $\mathbb{Q}b5 +$ 14. $\mathbb{Q}a4$ $\mathbb{Q}b2$ 15. $\mathbb{Q}e3 +$! $\mathbb{Q}d1$ (15... $\mathbb{Q}e2$ 16. $\mathbb{Q}c3 +$ $\mathbb{Q}d2$ 17. $\mathbb{Q}g2 +$! $\mathbb{Q}d1$ 18. $\mathbb{Q}a1 +$ $\mathbb{Q}c2$ 19. $\mathbb{Q}e1$ mate!) 16. $\mathbb{Q}d4 +$! (16. $\mathbb{Q}d5?$ $\mathbb{Q}b5 +$ 17. $\mathbb{Q}a3$ $\mathbb{Q}d3$ 18. $\mathbb{Q}f4$ $\mathbb{Q}c2!$ (18... $\mathbb{Q}d2$ 19. $\mathbb{Q}g1 +$ $\mathbb{Q}c2$ 20. $\mathbb{Q}d5!$ $\mathbb{Q}c4$ 21. $\mathbb{Q}e3 +$ $\mathbb{Q}b3$ 22. $\mathbb{Q}g7 +$, -) 19. $\mathbb{Q}xd3$ $\mathbb{Q}b3 +$! 20. $\mathbb{Q}a2$ $\mathbb{Q}c4?$ 21. $\mathbb{Q}e1 +$ $\mathbb{Q}d1$ 22. $\mathbb{Q}d4 +$, but 20... $\mathbb{Q}xd3!$ 21. $\mathbb{Q}f2 +$ $\mathbb{Q}c3!$ =) **B2 (16... $\mathbb{Q}c1$ 17. $\mathbb{Q}c3 +$ and 18. $\mathbb{Q}e1 +$) 17. $\mathbb{Q}a1 +$ $\mathbb{Q}c2$ 18. $\mathbb{Q}d5!!$ (18. $\mathbb{Q}xf1?$ $\mathbb{Q}d4 +$ 19. $\mathbb{Q}a3$ $\mathbb{Q}xd4$ 20. $\mathbb{Q}e2 +$ $\mathbb{Q}c3$ 21. $\mathbb{Q}e5 +$ $\mathbb{Q}d4$ 22. $\mathbb{Q}e1 +$ $\mathbb{Q}d2$, =) $\mathbb{Q}e4$ (18... $\mathbb{Q}b5 +$ 19. $\mathbb{Q}a5$ or $\mathbb{Q}b4$ $\mathbb{Q}d7$ 20. $\mathbb{Q}b4 /$ $\mathbb{Q}e3 +$, -) 19. $\mathbb{Q}b4 \#$; if 19. $\mathbb{Q}xf1??$ $\mathbb{Q}xd5!$****

D003

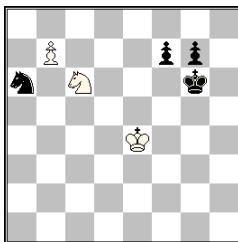


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(3+4)

Thematic try: 1. $\mathbb{Q}c5?$ b3 2. cxb3 $\mathbb{Q}b7$ 3. $\mathbb{Q}d6$ $\mathbb{Q}b6$ **B** 4. b4 $\mathbb{Q}b5$ 5. $\mathbb{Q}d7$ c5 6. bxc5 $\mathbb{Q}xc5$ 7. $\mathbb{Q}e6$ $\mathbb{Q}c6$ 8. $\mathbb{Q}f5$ $\mathbb{Q}d6$ 9. $\mathbb{Q}xg5$ $\mathbb{Q}e7$ 10. $\mathbb{Q}g6$ $\mathbb{Q}f8=$
1. $\mathbb{Q}c4!$ (1. $\mathbb{Q}c4$ b3 2. $\mathbb{Q}xb3$ $\mathbb{Q}b7$ 3. $\mathbb{Q}b4$ $\mathbb{Q}b6$ 4. $\mathbb{Q}c4$ $\mathbb{Q}b7$ 5. $\mathbb{Q}c5$ $\mathbb{Q}c7$ 6. c3 $\mathbb{Q}d7$ 7. $\mathbb{Q}b6$ $\mathbb{Q}d6$ 8. c4 c5 9. $\mathbb{Q}b5$ $\mathbb{Q}e5$ 10. $\mathbb{Q}xc5$ $\mathbb{Q}f4$ 11. $\mathbb{Q}d6$ $\mathbb{Q}g3$ 12. c5 $\mathbb{Q}xh3$ 13. c6 g4 14. c7 g3 15. c8 $\mathbb{Q}+$ +) $\mathbb{Q}b7$ 2. $\mathbb{Q}xb4$ $\mathbb{Q}b6$ 3. $\mathbb{Q}c4$ $\mathbb{Q}b7$ 4. $\mathbb{Q}c5$ $\mathbb{Q}c7$ 5. c3 $\mathbb{Q}b7$ 6. $\mathbb{Q}d6$ $\mathbb{Q}b6$ **A** 7. c4 c5 8. $\mathbb{Q}d5$ $\mathbb{Q}b7$ 9. $\mathbb{Q}xc5$ $\mathbb{Q}c7$ 10. $\mathbb{Q}d5$ $\mathbb{Q}d7$ 11. $\mathbb{Q}e5$ $\mathbb{Q}c6$ 12. $\mathbb{Q}f5$ $\mathbb{Q}c5$ 13. $\mathbb{Q}xg5$ $\mathbb{Q}xc4$ 14. h4 $\mathbb{Q}d5$ 15. $\mathbb{Q}f6$ 1-0

D004

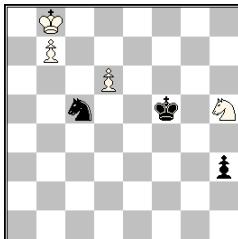


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(3+4)

Thematic try: 1. $\mathbb{Q}e5+$ $\mathbb{Q}f6$ 2. $\mathbb{Q}d5$ g5 3. $\mathbb{Q}d7+$ $\mathbb{Q}e7$ 4. $\mathbb{Q}c6$ g4 5. $\mathbb{Q}e5$ g3 **B**
1. $\mathbb{Q}d5!$ f5 2. $\mathbb{Q}e5+$ $\mathbb{Q}f6$ 3. $\mathbb{Q}d7+$ $\mathbb{Q}e7$ 4. $\mathbb{Q}c6$ f4 5. $\mathbb{Q}e5$ f3 **A 6. $\mathbb{Q}xf3$ 1-0**

D005

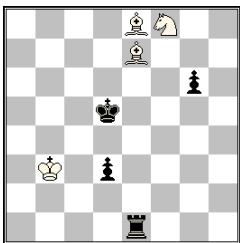


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(4+3)

1. $\mathbb{Q}d7$ (1. $\mathbb{Q}c8?$ $\mathbb{Q}xb7$ 2. $\mathbb{Q}xb7$ h2 3. $\mathbb{Q}c7$ $\mathbb{Q}g4$ 4. $\mathbb{Q}f6+$ $\mathbb{Q}f5=$, 3. $\mathbb{Q}g3+$ $\mathbb{Q}g4=$, 2.d7 h2 3. $\mathbb{Q}g3+$ $\mathbb{Q}e6=$, 1. $\mathbb{Q}g3+?$ $\mathbb{Q}e6$ 2. $\mathbb{Q}c7$ $\mathbb{Q}xb7$ 3. d7 h2 =) $\mathbb{Q}xd7$ (1... $\mathbb{Q}xb7$ 2. $\mathbb{Q}xb7$ h2 3. $\mathbb{Q}g3+$ $\mathbb{Q}g4$ 4. $\mathbb{Q}h1$ +/- 2. **2. $\mathbb{Q}c8$** (2. $\mathbb{Q}c7?$ $\mathbb{Q}c5=$) **$\mathbb{Q}b8$** (2... $\mathbb{Q}b6+$ 3. $\mathbb{Q}d8$ +/-, 2... h2 3. $\mathbb{Q}xd7$ etc. as main line
(3. $\mathbb{Q}g3+?$ $\mathbb{Q}e6=$), 2... $\mathbb{Q}e6$ 3. $\mathbb{Q}f4+$ ~ 4. $\mathbb{Q}xh3$ +/- theoretical win)
3. $\mathbb{Q}xb8$ (3. $\mathbb{Q}g3+?$ $\mathbb{Q}g4$ 4. $\mathbb{Q}f1$ $\mathbb{Q}a6=$) **h2**

Thematic tries: 4. $\mathbb{Q}c7?$ **B** $\mathbb{Q}g4$ 5. $\mathbb{Q}f6+$ $\mathbb{Q}h3$ 6. $\mathbb{Q}e4$ $\mathbb{Q}g2$ 7. b8 \mathbb{Q} h1 \mathbb{Q}
8. $\mathbb{Q}b2+$ $\mathbb{Q}f3=$, 4. $\mathbb{Q}c8?$ **C** $\mathbb{Q}g4$ 5. $\mathbb{Q}f6+$ $\mathbb{Q}h4$ 6. b8 \mathbb{Q} h1 \mathbb{Q} 7. $\mathbb{Q}f4+$ $\mathbb{Q}h3=$,
=, 4. $\mathbb{Q}a8?$ **D** $\mathbb{Q}g4$ 5. $\mathbb{Q}f6+$ $\mathbb{Q}h4=$ (5. $\mathbb{Q}g3$ $\mathbb{Q}xg3$ 6. b8 $\mathbb{Q}+$ $\mathbb{Q}g2=$)
4. $\mathbb{Q}a7$ **A $\mathbb{Q}g4$ 5. $\mathbb{Q}f6+$ $\mathbb{Q}h3$ (5... $\mathbb{Q}g3/\mathbb{Q}f3$ 6. b8 $\mathbb{Q}+$ $\mathbb{Q}g2$ 7. b2+
 $\mathbb{Q}g1$ 8. $\mathbb{Q}g4$ +, 5... $\mathbb{Q}g5/\mathbb{Q}f5$ 6. $\mathbb{Q}e4$ +, 5... $\mathbb{Q}f4$ 6. b8 $\mathbb{Q}+$ +, 5... $\mathbb{Q}h4$
6. b8 $\mathbb{Q}+$ -) 6. $\mathbb{Q}e4$ $\mathbb{Q}g2$ 7. b8 \mathbb{Q} h1 \mathbb{Q} 8. $\mathbb{Q}g3+$ $\mathbb{Q}f1$ 9. $\mathbb{Q}f2\#$**

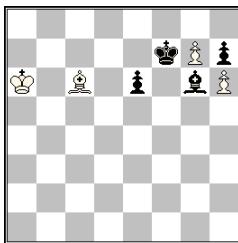


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(4+4)

1. $\mathbb{Q}f7 + \mathbb{Q}e4!$ 2. $\mathbb{Q}xg6 +$ (2... $\mathbb{Q}c3?$ $\mathbb{Q}c1 + 3. \mathbb{Q}d2 \mathbb{Q}c2 + 4. \mathbb{Q}d1 \mathbb{Q}f2$
 5. $\mathbb{Q}xg6 + \mathbb{Q}d4 6. \mathbb{Q}d7 \mathbb{Q}f1 + 7. \mathbb{Q}d2 \mathbb{Q}f2 + 8. \mathbb{Q}c1 \mathbb{Q}f1 + 9. \mathbb{Q}b2 d2 =;$
 2. $\mathbb{Q}g5?$ $\mathbb{Q}f1 =$; 2. $\mathbb{Q}b4?$ $\mathbb{Q}b1 + =$ (2... $\mathbb{Q}c1 ? 3. \mathbb{Q}d2 + -$) **Qd4 3. Qf6 + Qe3**
4. Qg5 +! (4. $\mathbb{Q}e6?$ $d2 5. \mathbb{Q}g5 + \mathbb{Q}f2 =$ (5... $\mathbb{Q}e2 ? 6. \mathbb{Q}d4 + \mathbb{Q}f2 7. \mathbb{Q}xd2 =$)
Qd4 5. Qb2! (5. $\mathbb{Q}f6 +$? loss of time; 5. $\mathbb{Q}f4?$ $\mathbb{Q}b1 + =$) **Qe2 +** (5... $\mathbb{Q}f1$
 6. $\mathbb{Q}e6 + \mathbb{Q}e5 7. \mathbb{Q}c5 +$ (7. $\mathbb{Q}d8?$ $\mathbb{Q}g1 8. \mathbb{Q}f7 + \mathbb{Q}e6 9. \mathbb{Q}h5 \mathbb{Q}h1 10. \mathbb{Q}d8 +$
 $\mathbb{Q}f5 =$; 7. $\mathbb{Q}xd3?$ $\mathbb{Q}f2 + 8. \mathbb{Q}c3 \mathbb{Q}xe6 =$) **6. Qc1!** [6. $\mathbb{Q}b1?$ $\mathbb{Q}g2!$ (6... $\mathbb{Q}e1 + ?$
 7. $\mathbb{Q}b2$ loss of time) 7. $\mathbb{Q}h5 \mathbb{Q}f2!$ (7... $\mathbb{Q}xg5 ? 8. \mathbb{Q}e6 + +$ - fork) 8. $\mathbb{Q}e6 +$
 (8. $\mathbb{Q}d7 \mathbb{Q}f5 9. \mathbb{Q}f6 + \mathbb{Q}d5 10. \mathbb{Q}h8 \mathbb{Q}d6$ (10... $\mathbb{Q}xh5 ? 11. \mathbb{Q}f6 + +$ - fork)
 11. $\mathbb{Q}f6 \mathbb{Q}e7$ (11... $\mathbb{Q}e6 ? 12. \mathbb{Q}g4 +$ - pin) 12. $\mathbb{Q}g8 + \mathbb{Q}f8 13. \mathbb{Q}f6 \mathbb{Q}e7$
 positional draw] $\mathbb{Q}c3$; 6. $\mathbb{Q}b3?$ $\mathbb{Q}e1 7. \mathbb{Q}b2$ loss of time) **Qc2 +** (6... $\mathbb{Q}f2$
 7. $\mathbb{Q}h6 \mathbb{Q}f1 + 8. \mathbb{Q}d2 \mathbb{Q}f2 + 9. \mathbb{Q}e1$; 6... $\mathbb{Q}e1 + 7. \mathbb{Q}d2 \mathbb{Q}e2 + 8. \mathbb{Q}d1 \mathbb{Q}f2$
 9. $\mathbb{Q}h6$) **7. Qd1!** (7. $\mathbb{Q}b1?$ $\mathbb{Q}g2!$ (7... $\mathbb{Q}e2?$ 8. $\mathbb{Q}c1!$ (8. $\mathbb{Q}h4 \mathbb{Q}g2 9. \mathbb{Q}h5$
 $\mathbb{Q}h2 10. \mathbb{Q}f6 + \mathbb{Q}e3 11. \mathbb{Q}g5 + \mathbb{Q}f2 12. \mathbb{Q}d1$ (12. $\mathbb{Q}g6 \mathbb{Q}g2 13. \mathbb{Q}e6 \mathbb{Q}g1 +$
 14. $\mathbb{Q}b2 d2 15. \mathbb{Q}xd2 \mathbb{Q}xg6 =$) $\mathbb{Q}h8!$ 13. $\mathbb{Q}g6 \mathbb{Q}g8 14. \mathbb{Q}h4 + \mathbb{Q}e3 15. \mathbb{Q}e7$
 $\mathbb{Q}b8 + ! 16. \mathbb{Q}c1 \mathbb{Q}b5!! 17. \mathbb{Q}f6 \mathbb{Q}c5 + 18. \mathbb{Q}b2 d2 =$) $\mathbb{Q}c2 + 9. \mathbb{Q}d1$ main)
 8. $\mathbb{Q}h5 \mathbb{Q}xg5$) **Qf2 8. Qh6!** A (B $\mathbb{Q}f2$, see the thematic try 14. $\mathbb{Q}h6?$ with
 $\mathbb{B} \mathbb{Q}g4$) (8. $\mathbb{Q}h7?$ $\mathbb{Q}f1 + 9. \mathbb{Q}d2 \mathbb{Q}f2 + 10. \mathbb{Q}e1 \mathbb{Q}g2 11. \mathbb{Q}f5 \mathbb{Q}e2 + 12. \mathbb{Q}f1$
 $\mathbb{Q}h2 13. \mathbb{Q}f6 d2 =$) $\mathbb{Q}f1 + 9. \mathbb{Q}d2 \mathbb{Q}f2 + 10. \mathbb{Q}e1!$ **Qg2**
Thematic try: 11. $\mathbb{Q}d1?$ $\mathbb{Q}g4!$ (11... $\mathbb{Q}g1 + ? 12. \mathbb{Q}d2 \mathbb{Q}g2 + 13. \mathbb{Q}c1 \mathbb{Q}g1 +$
 loss of time) 12. $\mathbb{Q}c1 \mathbb{Q}g1 + 13. \mathbb{Q}b2 \mathbb{Q}g2 + 14. \mathbb{Q}b3 \mathbb{Q}g1!$ **B2** (W $\mathbb{Q}h6$)
 15. $\mathbb{Q}g7 + \mathbb{Q}e3 16. \mathbb{Q}h6 + \mathbb{Q}d4$ positional draw, or 17. $\mathbb{Q}e6 + \mathbb{Q}e5 18. \mathbb{Q}f8$
 $\mathbb{Q}d4!$ positional draw (11. $\mathbb{Q}e6 + ? \mathbb{Q}e5 12. \mathbb{Q}f8 \mathbb{Q}d4 13. \mathbb{Q}d2$ loss of
 time; 11. $\mathbb{Q}g7 + ? \mathbb{Q}e3 12. \mathbb{Q}h6 + \mathbb{Q}d4 13. \mathbb{Q}d2$ loss of time)
11. Qd2! $\mathbb{Q}e2 + 12. \mathbb{Q}d1 \mathbb{Q}g2 13. \mathbb{Q}f4!! (13. $\mathbb{Q}e1?$ loss of time; 13. $\mathbb{Q}b4?$
 $\mathbb{Q}g1 + 14. \mathbb{Q}d2 \mathbb{Q}g2 + 15. \mathbb{Q}c1 \mathbb{Q}g1 + =$ **B1** (W $\mathbb{Q}b4$)) **Qg1 +** (13... $\mathbb{Q}g4$
 14. $\mathbb{Q}e6 +$ (Thematic try: 14. $\mathbb{Q}h6?$ **B** (W $\mathbb{Q}g4$) $\mathbb{Q}g1 +$ (14... $\mathbb{Q}h4 ? 15. \mathbb{Q}g5!!$
 $\mathbb{Q}h1 + 16. \mathbb{Q}d2 \mathbb{Q}h2 + 17. \mathbb{Q}c1 \mathbb{Q}c2 + 18. \mathbb{Q}d1!$ as the main line) $\mathbb{Q}f2$
 19. $\mathbb{Q}h6 \mathbb{Q}f1 + 20. \mathbb{Q}d2 \mathbb{Q}f2 + 21. \mathbb{Q}e1 \mathbb{Q}g2 22. \mathbb{Q}d2 \mathbb{Q}e2 + 23. \mathbb{Q}d1 \mathbb{Q}g2$
 24. $\mathbb{Q}f4 \mathbb{Q}g1 + 25. \mathbb{Q}d2 \mathbb{Q}g2 + 26. \mathbb{Q}c1 \mathbb{Q}g1 + 27. \mathbb{Q}b2 \mathbb{Q}g2 + 28. \mathbb{Q}b3 \mathbb{Q}g1$
A2 (W $\mathbb{Q}f4$) 29. $\mathbb{Q}e6 +$) 15. $\mathbb{Q}d2 \mathbb{Q}g2 + 16. \mathbb{Q}c1 \mathbb{Q}g1 + 17. \mathbb{Q}b2 \mathbb{Q}g2 +$
 18. $\mathbb{Q}b3 \mathbb{Q}g1 =$ **B2** (W $\mathbb{Q}h6$) $\mathbb{Q}d5 15. \mathbb{Q}f7 + -$ **14. Qd2** $\mathbb{Q}g2 + 15. \mathbb{Q}c1!
 (15. $\mathbb{Q}e1?$ $\mathbb{Q}c3 =$) **Qg1 + A1** (W $\mathbb{Q}f4$) **16. Qb2!** $\mathbb{Q}g2 + 17. \mathbb{Q}b3!!$
 wandering W \mathbb{Q} returned to the diagram position **Qg1! A2** (W $\mathbb{Q}f4$)
18. Qe6 +! **1-0** (18. $\mathbb{Q}f7?$ $\mathbb{Q}b1 + =$) e.g., $\mathbb{Q}d5 19. \mathbb{Q}c7 + \mathbb{Q}d4 20. \mathbb{Q}b5 +$
 $\mathbb{Q}d5 21. \mathbb{Q}xd3 +$ -$$

D007



1. **Qe8+!** (1. Qd7? Qg8 2. Qxe6 Qf7 =) **Qg8** (1... Qxe8 2. g8# + -)

2. **Qxg6 hxg6 3. Qb5 g5**

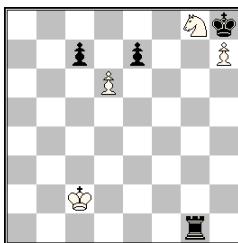
Thematic try: 4. Qc5? e5 5. Qd5! g4 6. Qe4 Qh7 7. Qe3 Bg8=; 8. Qf2? e4 9. Qg3 e3 =

4. **Qc4! e5 5. Qd3** (5. Qd5 g4 6. Qe4 Qh7 7. Qe3 **Bg8=**) **g4 6. Qe3!** (6. Qe4 Qh7) **Qh7 7. Qe4! A Qg8 8. Qf5! g3 9. Qg6 g2 10. h7#**

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(4+4)

D008



Thematic try I: 1. d7? Qg2+ 2. Qc3 Qg3+ 3. Qc4 Qg4+ 4. Qc5 Qg5+ 5. Qc6 Qg6+ 6. Qxc7 **B2 Qd6=**

1. **dxc7 Qg2+**

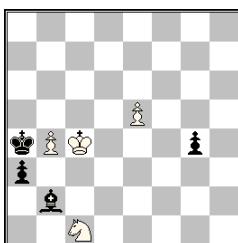
Thematic try II: 2. Qd3? **B1 Qg3+ 3. Qd4 e5+ =**

2. **Qb3! A1 Qg3+ 3. Qb4 Qg4+ 4. Qb5 Qg5+ 5. Qb6 Qg6+ 6. Qb7 A2 Qg1 7. c8Q Qb1+ 8. Qa6 Qa1+ 9. Qb5 Qb1+ 10. Qa4 Qa1+ 11. Qb3 etc. 1-0**

+

(4+4)

D009



1. **e6!** (thr. 2. e7 a2 3. e8# + Qa3 4. Wa8#; or 1... a2 2. e7 Qxc1 3. e8# + Qa3 4. Wa5 Qd2 5. Wa3+ Qb2 6. Wa3+ Qc1 7. Qd3 a1Q! 8. Wa2 Qc3 9. Qxc3 Qd1 10. Wa2# (but not 1. Qb3?? a2 -+)) **Qf6!**

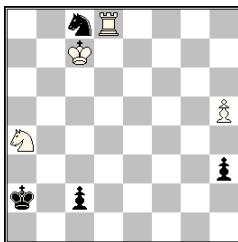
Thematic try: 2. Qe2?! **B a2 3. Qc3+ Qxc3! 4. e7 a1Q 5. e8# + Qa3 6. Wa8+ Qb2 7. Qg2+ Qb1 8. Wh1+ Qc2 9. We4+ Qb2 10. Qg2+ = perpetual check)**

2. **Qa2! A** (thr. 3. e7, etc.) **g3 3. e7 g2 4. e8# +, 3... Qxe7 4. Qc3#**

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(4+4)

D010



1. $\mathbb{Q}d2 \mathbb{Q}b3$ 2. $\mathbb{Q}c5+$ $\mathbb{Q}c3$ 3. $\mathbb{Q}e4+$ $\mathbb{Q}b3$ 4. $\mathbb{Q}xc2 \mathbb{Q}xc2$

Thematic try: 5. $\mathbb{Q}xc8!?$ $h2$ 6. $\mathbb{Q}g3 \mathbb{Q}d1$ 7. $h6 \mathbb{Q}e1$ 8. $h7$ **B1** $\mathbb{Q}f2$ 9. $h8\mathbb{Q}$
 $\mathbb{Q}xg3$ draw

5. $\mathbb{Q}d7!!$ $h2$

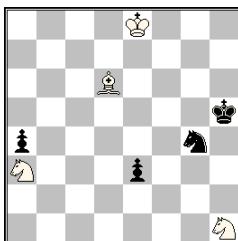
Thematic try: 6. $\mathbb{Q}f2?$ **B2** $\mathbb{Q}e7$ 7. $\mathbb{Q}xe7 \mathbb{Q}d2$ 8. $h6 \mathbb{Q}e2$ 9. $\mathbb{Q}h1 \mathbb{Q}f3$ 10. $h7$
 $\mathbb{Q}g2$ 11. $h8\mathbb{Q}$ $\mathbb{Q}xh1=$

6. $\mathbb{Q}g3!$ **A2** $\mathbb{Q}d1$ 7. $h6 \mathbb{Q}e7$ 8. $\mathbb{Q}xe7 \mathbb{Q}e1$ 9. $h7$ **A1** $\mathbb{Q}f2$ 10. $h8\mathbb{Q}$ $\mathbb{Q}xg3$
11. $\mathbb{Q}a8!$ 1-0

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(4+4)

D011



1... $\mathbb{Q}f6+!$

Thematic try I: 2. $\mathbb{Q}e7?$ $\mathbb{Q}e4!$ 3. $\mathbb{Q}g3+$ $\mathbb{Q}xg3$ 4. $\mathbb{Q}xg3 \mathbb{Q}g4$ 5. $\mathbb{Q}e1 \mathbb{Q}f3$
6. $\mathbb{Q}c2 \mathbb{Q}e2$ 7. $\mathbb{Q}a5! \mathbb{Q}d3$ 8. $\mathbb{Q}a3 \mathbb{Q}e2$ 9. $\mathbb{Q}b6 \mathbb{Q}f3!$ 10. $\mathbb{Q}c2 \mathbb{Q}e2$ 11. $\mathbb{Q}e1+$
 $\mathbb{Q}e4$ 12. $\mathbb{Q}c5 \mathbb{Q}d5$ **B1** 13. $\mathbb{Q}d6$ (13. $\mathbb{Q}e7???)$ $\mathbb{Q}e4$ 14. $\mathbb{Q}e6 \mathbb{Q}e3$ 15. $\mathbb{Q}d5$
 $\mathbb{Q}f2$ 16. $\mathbb{Q}g3+$ $\mathbb{Q}xg3=$

2. $\mathbb{Q}f7!!$ $\mathbb{Q}e4!$ 3. $\mathbb{Q}g3+!$ (3. $\mathbb{Q}e5? \mathbb{Q}g4$ 4. $\mathbb{Q}c2 \mathbb{Q}f3$ 5. $\mathbb{Q}g6 \mathbb{Q}f2$ 6. $\mathbb{Q}g3$
 $\mathbb{Q}d3$ 7. $\mathbb{Q}c7$ a3 8. $\mathbb{Q}xa3$ e2=] $\mathbb{Q}xg3$ 4. $\mathbb{Q}xg3 \mathbb{Q}g4$ 5. $\mathbb{Q}e1 \mathbb{Q}f3$ 6. $\mathbb{Q}c2!$
(6. $\mathbb{Q}e6?$ $\mathbb{Q}e2$ 7. $\mathbb{Q}a5 \mathbb{Q}f1$ 8. $\mathbb{Q}c2 \mathbb{Q}e2$ 9. $\mathbb{Q}d5$ a3=) $\mathbb{Q}e2$

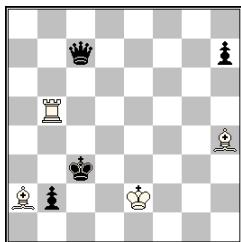
Thematic try II: 7. $\mathbb{Q}b4?$ $\mathbb{Q}d3$ 8. $\mathbb{Q}a3 \mathbb{Q}e2!$ 9. $\mathbb{Q}c5 \mathbb{Q}d2$ 10. $\mathbb{Q}c4+$ $\mathbb{Q}d3!$
11. $\mathbb{Q}b2+$ $\mathbb{Q}c2!$ 12. $\mathbb{Q}xa4$ e2 13. $\mathbb{Q}b4 \mathbb{Q}b3$ **B2** = (or 13... $\mathbb{Q}d1$ 14. $\mathbb{Q}b2+$
 $\mathbb{Q}c2$ 15. $\mathbb{Q}c4 \mathbb{Q}b3=)$

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(4+4)

Black to move

7. $\mathbb{Q}a5!$ $\mathbb{Q}d3$ 8. $\mathbb{Q}a3 \mathbb{Q}e2$ 9. $\mathbb{Q}b6!$ (9. $\mathbb{Q}e6?$ $\mathbb{Q}f1!$ 10. $\mathbb{Q}c2 \mathbb{Q}e2$ 11. $\mathbb{Q}d5$
a3=) $\mathbb{Q}f3!$ (9... $\mathbb{Q}d2$ 10. $\mathbb{Q}c4+$ $\mathbb{Q}d3$ 11. $\mathbb{Q}b2+$ $\mathbb{Q}c2$ 12. $\mathbb{Q}xa4$ e2 13. $\mathbb{Q}a5$
 $\mathbb{Q}d1$ 14. $\mathbb{Q}b2+$ $\mathbb{Q}c2$ 15. $\mathbb{Q}c4 \mathbb{Q}b3$ **A2** (W $\mathbb{Q}a5$ - 16... $\mathbb{Q}xb4???)$ 16. $\mathbb{Q}~$)
10. $\mathbb{Q}c2!$ (10. $\mathbb{Q}c5?$ e2 11. $\mathbb{Q}c2 \mathbb{Q}g2!$ 12. $\mathbb{Q}e6 \mathbb{Q}f1!=) \mathbb{Q}e2$ 11. $\mathbb{Q}e1+\mathbb{Q}e4$
12. $\mathbb{Q}c5 \mathbb{Q}d5$ **A1** (W $\mathbb{Q}f7$) 13. $\mathbb{Q}e7!!$ $\mathbb{Q}e4$ 14. $\mathbb{Q}e6 \mathbb{Q}e3$ 15. $\mathbb{Q}d5 \mathbb{Q}f2$
16. $\mathbb{Q}h4+!$ (W $\mathbb{Q}h4$ - 16... $\mathbb{Q}xg3???)$ $\mathbb{Q}e3$ 17. $\mathbb{Q}c4$ 1-0

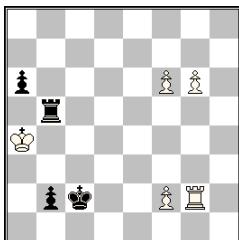


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(4+4)

- 1. $\mathbb{Q}f6+$!** (1. $\mathbb{Q}g3?$ $b1\mathbb{Q}!=$) $\mathbb{Q}c2$ 2. **$\mathbb{Q}e5$** (2. $\mathbb{Q}xb2+?$ $\mathbb{Q}c1$ 3. $\mathbb{Q}b1+\mathbb{Q}c2$
4. $\mathbb{Q}b4 \mathbb{Q}h2=$) $\mathbb{Q}e7$ (2... $\mathbb{Q}c8$ 3. $\mathbb{Q}xb2+\mathbb{Q}c1$ 4. $\mathbb{Q}b1+\mathbb{Q}c2$ 5. $\mathbb{Q}b4!+-$,
2. ... $\mathbb{Q}c6$ 3. $\mathbb{Q}b3+!$ $\mathbb{Q}c1$ 4. $\mathbb{Q}d5 \mathbb{Q}xd5$ 5. $\mathbb{Q}f4+!$ $\mathbb{Q}b1$ 6. $\mathbb{Q}xd5+-$)
3. $\mathbb{Q}xb2+$ (3. $\mathbb{Q}b3+?$ $\mathbb{Q}c1$ 4. $\mathbb{Q}d5?$ $\mathbb{Q}xe5+$ 5. $\mathbb{Q}xe5$ $b1\mathbb{Q}+=$) $\mathbb{Q}c1$
4. $\mathbb{Q}b1+!$ (Try 4. $\mathbb{Q}b5?$ $\mathbb{Q}a3!$ 5. $\mathbb{Q}b3$ (5. $\mathbb{Q}c4 \mathbb{Q}c2!=$, 5. $\mathbb{Q}e6 \mathbb{Q}a4!$ 6. $\mathbb{Q}c5+$
 $\mathbb{Q}b1$ 7. $\mathbb{Q}f5+ \mathbb{Q}a2$ 8. $\mathbb{Q}e6+ \mathbb{Q}b1=$) $\mathbb{Q}a6!$ (5... $h5?6. \mathbb{Q}d4!$ as in main line)
6. $\mathbb{Q}c4 \mathbb{Q}a3!$ (not 6... $\mathbb{Q}g6?7. \mathbb{Q}f4+ \mathbb{Q}c2$ 8. $\mathbb{Q}b3+ \mathbb{Q}c3$ 9. $\mathbb{Q}e5\#$ model
mate, 6... $\mathbb{Q}h6?7. \mathbb{Q}b2+ \mathbb{Q}c2$ 8. $\mathbb{Q}d3\#$ model mate) 7. $\mathbb{Q}d5$ (Here 7. $\mathbb{Q}c5$ is
not protected - W $\mathbb{Q}e5$ instead of d4) (7. $\mathbb{Q}d3 \mathbb{Q}a2+8. \mathbb{Q}e3$ (8. $\mathbb{Q}f3 \mathbb{Q}d2$
=) $\mathbb{Q}d2+9. \mathbb{Q}e4 \mathbb{Q}g2+=$) $\mathbb{Q}a4!$ 8. $\mathbb{Q}c5 \mathbb{Q}c2+9. \mathbb{Q}f3 h5!$ (9... $h6?10. \mathbb{Q}d4$
 $\mathbb{Q}d2$ 11. $\mathbb{Q}e3+ \mathbb{Q}e1$ 12. $\mathbb{Q}b5!$ $\mathbb{Q}d1+13. \mathbb{Q}g3 \mathbb{Q}d6+14. \mathbb{Q}g2 \mathbb{Q}g6+$
15. $\mathbb{Q}h2 \mathbb{Q}d6+16. \mathbb{Q}h1+-$) 10. $\mathbb{Q}d4$ (10. $\mathbb{Q}f6 h4!=$) $\mathbb{Q}d2!$ (10... $\mathbb{Q}d1?$
11. $\mathbb{Q}b5!$ $\mathbb{Q}a2(\mathbb{Q}b3+)$ 12. $\mathbb{Q}e3+)$ 11. $\mathbb{Q}e3+ \mathbb{Q}e1$ 12. $\mathbb{Q}b5$ (12. $\mathbb{Q}g5 \mathbb{Q}d1+$
13. $\mathbb{Q}e4 \mathbb{Q}b1+14. \mathbb{Q}f4 \mathbb{Q}b8+=$) $\mathbb{Q}d1+=$ (13. $\mathbb{Q}g3?$ $\mathbb{Q}g4+14. \mathbb{Q}h2$
 $\mathbb{Q}h4+-$) $\mathbb{Q}c2$ 5. **$\mathbb{Q}b5 \mathbb{Q}c1$**
Thematic try I: 6. $\mathbb{Q}b3?$ $\mathbb{Q}a3!$ 7. $\mathbb{Q}d3 \mathbb{Q}f8!$ 8. $\mathbb{Q}e2 \mathbb{Q}a3$ 9. $\mathbb{Q}f4+ \mathbb{Q}b2$
10. $\mathbb{Q}e5+$ (10. $\mathbb{Q}g8+ \mathbb{Q}c2$ 11. $\mathbb{Q}xh7+ \mathbb{Q}c3$ 12. $\mathbb{Q}g8 \mathbb{Q}c2=$) $\mathbb{Q}c1$ 11. $\mathbb{Q}d4$
 $\mathbb{Q}a6!$ 12. $\mathbb{Q}c4 \mathbb{Q}g6!$ (not 12... $\mathbb{Q}a3?13. \mathbb{Q}c5! \mathbb{Q}b1$ 14. $\mathbb{Q}d3+ \mathbb{Q}a2$
15. $\mathbb{Q}c2+ \mathbb{Q}b3$ 16. $\mathbb{Q}c3++$, 12... $\mathbb{Q}d6?13. \mathbb{Q}d3 \mathbb{Q}h2+14. \mathbb{Q}f2+-$
13. $\mathbb{Q}e3+(13. \mathbb{Q}b2+ \mathbb{Q}c2$ 14. $\mathbb{Q}b3+ \mathbb{Q}b1=)$ $\mathbb{Q}c2$ 14. $\mathbb{Q}b3+ \mathbb{Q}c3$ 15. $\mathbb{Q}d2+$
(15. $\mathbb{Q}e5\#$ is not possible - W $\mathbb{Q}e3$ instead of f4) 16. $\mathbb{Q}d4$ 16. $\mathbb{Q}d5+ \mathbb{Q}e4$
17. $\mathbb{Q}c2+ \mathbb{Q}xd5$ (\mathbb{Q} is protected by pawn) 18. $\mathbb{Q}xg6$ **B1** $hxg6=$
6. $\mathbb{Q}d5!$ $\mathbb{Q}c2$ (6... $\mathbb{Q}b4$ 7. $\mathbb{Q}d1+ \mathbb{Q}c2$ 8. $\mathbb{Q}d4+-$) 7. **$\mathbb{Q}d2+ \mathbb{Q}c1$** 8. **$\mathbb{Q}d1+ \mathbb{Q}c2$** 9. **$\mathbb{Q}d5!$ $h5$** (9... $\mathbb{Q}c1$ 10. $\mathbb{Q}b3+$, 9... $\mathbb{Q}a3$ 10. $\mathbb{Q}d2+-$)
Thematic try II: 10. $\mathbb{Q}d2+?$ $\mathbb{Q}c1$ 11. $\mathbb{Q}d1+ \mathbb{Q}c2$ 12. $\mathbb{Q}d5 h4$ 13. $\mathbb{Q}b5 \mathbb{Q}c1$
14. $\mathbb{Q}b3 \mathbb{Q}a3$ 15. $\mathbb{Q}d4$ **B2** $h3!=$
10. **$\mathbb{Q}b5!$ $\mathbb{Q}c1$** 11. **$\mathbb{Q}b3!$ $\mathbb{Q}a3$** 12. **$\mathbb{Q}d4!$ A2** (12. $\mathbb{Q}d3?$ $\mathbb{Q}f8!$ 13. $\mathbb{Q}e3 \mathbb{Q}e7!$
14. $\mathbb{Q}e2 \mathbb{Q}a3$ 15. $\mathbb{Q}f4+ \mathbb{Q}b2$ 16. $\mathbb{Q}e5+ \mathbb{Q}c1$ loss of time) $\mathbb{Q}a6$ (12... $h4$
13. $\mathbb{Q}c5+(\mathbb{Q}e6)+$, 12... $\mathbb{Q}e7+13. \mathbb{Q}e5! \mathbb{Q}b4$ 14. $\mathbb{Q}c5+ \mathbb{Q}b1$ 15. $\mathbb{Q}c4!$
 $\mathbb{Q}a4$ 16. $\mathbb{Q}b5+-$) 13. **$\mathbb{Q}c4 \mathbb{Q}g6$** (13... $\mathbb{Q}a3$ 14. $\mathbb{Q}c5!$ (W \mathbb{Q} is protected
by $\mathbb{Q}d4$) $\mathbb{Q}b1$ 15. $\mathbb{Q}d3+ \mathbb{Q}a2$ 16. $\mathbb{Q}c2+ \mathbb{Q}b3$ 17. $\mathbb{Q}c3+--$) 14. **$\mathbb{Q}e3+ \mathbb{Q}c2$** 15. **$\mathbb{Q}b3+ \mathbb{Q}c3$** 16. **$\mathbb{Q}d2+ \mathbb{Q}d4$** 17. **$\mathbb{Q}d5+ \mathbb{Q}e4$** 18. **$\mathbb{Q}c2+ \mathbb{Q}xd5$**
(\mathbb{Q} is not protected) 19. **$\mathbb{Q}xg6$** **A1** 1-0

D013

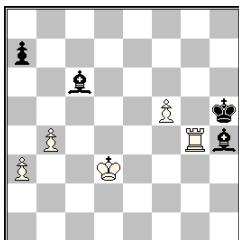


+

(5+4)

Thematic try: 1.f4+? **B** ♕c3 2.♕xb2! ♕xb2 3.♔a5 ♕b5+ 4.♔xa6 ♕f5 5.f7 ♔c4 6.g7 ♕f6+ 7.♔a5 ♕f5+ 8.♔a4 ♕f6 9.♔a3 ♕c3 10.♔a2 ♕a6+ 11.♔b1 ♕b6+ 12.♔c1 ♕a6 13.♔d1 ♕d3 14.♔e1 ♕e3 15.♔f1 ♕f3 (no check from f8) 16.♔g1 ♕g6+ 17.♔h2 ♕h6+=
1.f3+ A ♕c3 2.♕xb2 [2.♕g1? ♕g5! 3.♔e1 ♕xg6 4.f7 ♕f6=] ♕xb2
3.♔a5 ♕b5+ 4.♔xa6 ♕f5 5.f7 ♔c4 6.g7 ♕f6+ 7.♔a5 ♕f5+ 8.♔a4 ♕f6 9.♔a3 ♕c3 10.♔a2 ♕a6+ 11.♔b1 ♕b6+ 12.♔c1 ♕a6 13.♔d1 ♕d3 14.♔e1 ♕e3 15.♔f1 1-0

D014

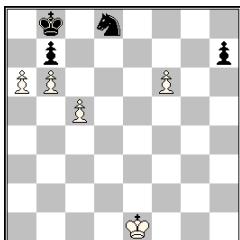


+

(5+4)

Thematic try: 1.♕xh4+?!? ♕xh4 **B** .f6 ♕d5 3.♔d4 ♕f7 4.a4 ♕g5 5.♔e5 ♕g6 6.b5 ♕c4 =
1.♕g7! (1.♕g6? ♕e8 2.♕g7 a6 3.♔e4 (3.♕g8 ♕b5+ 4.♔e4 ♕g5) ♕f6 4.♕g3 (4.♕g8 ♕b5) 4...♔b2 5.♔f4 ♕h6 6.♕g8 ♕b5 7.♕g6+ ♕h5 8.♕g1 ♕h6 9.a4 ♕xa6 10.♕g6+ ♕h5 11.♕xa6 ♕c1!= **EGTB** 12.♔e5 ♕b1! 13.♔c6 ♕a3! 14.b5 ♕a4 15.♔a6 ♕b2+ 16.♔e4 ♕c2+ 17.♔f4 ♕c1+ 18.♔e5 ♕b2+ 19.♔e6 ♕g5 =) **a6** (1...♔f2 2.♕xa7 ♕g5 3.♔c4 ♕xf5 4.b5+= **EGTB**) 2.♕h7+ (2.♕g1 ♕f6 3.♕g6 ♕b5+ 4.♔c2 (4.♔e4 ♕b2 5.a4 ♕xa4 6.♕xa6 ♕c2+=) 4...♔g5 5.♔b3 ♕e2 6.♕e6 ♕f1 7.a4 ♕h4 8.♕g6 ♕e2 =) **♕g4** 3.♕xh4+! (3.♕h6? ♕a4! 4.♔e4 (4.f6 ♕g5 5.♕g6 ♕b3 6.f7 (6.a4 ♕f5 7.f7 ♕xf7 8.♕xg6 ♕h4= **EGTB**) 6...♕xf7 7.♕xa6 ♕f5= T.7) 4...♔c2+ 5.♔d4 ♕b3! 6.f6 (6.♔c3 ♕f7 7.♔d3 ♕b3 8.♔d4 ♕g5 9.♕xa6 ♕xf5=) ♕g5 7.♕g6 ♕f5 8.f7 ♕xf7 9.♕xa6 ♕h4!=) **♕xh4 A** 4.f6 ♕e8 (4...♔d5 5.♔d4) 5.♔d4! ZZ (5.♔e4? ♕g4 6.♔e5 ♕g5 ZZ 7.♔e6 (7.a4 ♕g6 8.♔e6 ♕xa4 9.f7 ♕b3+=) 7...♔f4 8.♔e7 ♕h5 9.a4 ♕e5 10.a5 ♕d5 =) **♕h5** 6.♔d5! **♕g4** 7.♔e4! ZZ .**♕g5** 8.♔e5 ZZ **♕g6** 9.♔e6 ♕f7+ 10.♔e7 1-0

D015

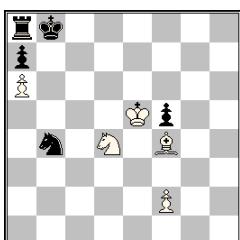


+

(5+4)

1.a7+ (1. $\mathbb{Q}f2?? bxa6-+$ (1... $\mathbb{Q}e6?? 2.a7+$ main); 1.f7?? $\mathbb{Q}xf7-+$ (1... $\mathbb{Q}e6?? 2.a7+$ main)) $\mathbb{Q}a8$ **2. $\mathbb{Q}f2!!$** $\mathbb{Q}e6$ (2... $h5$ 3. $\mathbb{Q}g3!$ $\mathbb{Q}e6$ (3... $h4+4.$ $\mathbb{Q}g4$ main) 4.f7 $h4+$ 5. $\mathbb{Q}g4$ main; 2... $\mathbb{Q}f7$ 3. $\mathbb{Q}g3!$ (3. $\mathbb{Q}e3?$ $h5$ 4. $\mathbb{Q}e4$ $h4$ 5. $\mathbb{Q}h6!!$ 6. $\mathbb{Q}e4$ $\mathbb{Q}f7$ 7. $\mathbb{Q}f4$ $\mathbb{Q}h6$ positional draw 8. $\mathbb{Q}f3$ $\mathbb{Q}f7$ 9. $\mathbb{Q}g4$ $\mathbb{Q}d8$ 10. $\mathbb{Q}h3$ (10. $\mathbb{Q}xh4$ $\mathbb{Q}e6$ 11. $c6$ $bxc6$ 12. $f7$ c5=) 10... $\mathbb{Q}e6$ 11. $c6$ $bxc6=$) 3.. $h5$ 4. $\mathbb{Q}h4$ $\mathbb{Q}d8$ 5. $\mathbb{Q}xh5$ $\mathbb{Q}e6$ 6. $c6-+$) **3.f7!** (3. $\mathbb{Q}f3?$ $\mathbb{Q}xc5=$ (3... $h5?4.c6$ $bxc6$ 5. $\mathbb{Q}e4$ h4 6. $\mathbb{Q}e5$ $\mathbb{Q}d8$ 7. $\mathbb{Q}d6$ c5 8. $\mathbb{Q}c7$ $\mathbb{Q}e6+9.$ $\mathbb{Q}c8-+)$ **h6** (3... $h5$ 4. $\mathbb{Q}g3$ main (4. $\mathbb{Q}g2?h4$ 5. $\mathbb{Q}h2$ $\mathbb{Q}f8$ 6. $\mathbb{Q}h3$ $\mathbb{Q}g6$ 7. $\mathbb{Q}h2$ $\mathbb{Q}f8$ positional draw))
Thematic try I: 4. $\mathbb{Q}g3?$ $h5$ 5. $\mathbb{Q}h2$ $h4$ **B1** ($W\mathbb{Q}h2$) 6. $\mathbb{Q}h1$ $\mathbb{Q}f8=$
4. $\mathbb{Q}g2!!$ **h5** **5. $\mathbb{Q}g3!!$** (5. $\mathbb{Q}h2?$ $h4$ (5... $\mathbb{Q}f8?6.$ $\mathbb{Q}h3$ $\mathbb{Q}e6$ 7. $\mathbb{Q}g3$ $h4+8.$ $\mathbb{Q}g4$ main) 6. $\mathbb{Q}g1$ $\mathbb{Q}f8=$) **h4+ A1** ($W\mathbb{Q}g3$)
Thematic try II: 6. $\mathbb{Q}xh4?$ $\mathbb{Q}d8!$ 7. $f8\mathbb{Q}$ $\mathbb{Q}e6$ 8. $c6$ $\mathbb{Q}xf8$ 9. $c7$ **B2** ($W\mathbb{Q}h4$)
 $\mathbb{Q}g6+10.$ $\mathbb{Q}g5$ $\mathbb{Q}e7$ 11. $\mathbb{Q}f6$ $\mathbb{Q}c8=$
6. $\mathbb{Q}g4!!$ **h3** (6... $\mathbb{Q}f8$ 7. $\mathbb{Q}xh4+$ (7. $\mathbb{Q}f4?$ $\mathbb{Q}d7!$ 8. $\mathbb{Q}e3$ $\mathbb{Q}f8$ 9. $\mathbb{Q}e4$ $\mathbb{Q}g6$ 10. $c6$ (10. $\mathbb{Q}f5$ $\mathbb{Q}f8$ 11. $\mathbb{Q}f4$ $\mathbb{Q}d7$ 12. $\mathbb{Q}e3$ $\mathbb{Q}f8$ positional draw) $bxc6$ 11. $\mathbb{Q}f5$ $\mathbb{Q}f8$ 12. $\mathbb{Q}e5$ $h3$ 13. $\mathbb{Q}d6$ $h2$ 14. $\mathbb{Q}c7$ $\mathbb{Q}e6+$ 15. $\mathbb{Q}c8$ $h1\mathbb{#}$ = Excelsior; 7. $c6?$ $bxc6$ 8. $\mathbb{Q}xh4$ c5 (8... $\mathbb{Q}b7?9.$ $\mathbb{Q}g5-+)$ 9. $\mathbb{Q}g5$ c4=, 7. $\mathbb{Q}h3?$ $\mathbb{Q}g6$ (7... $\mathbb{Q}e6?8.$ $\mathbb{Q}g4$ main) 8. $\mathbb{Q}h2$ $\mathbb{Q}f8$ 9. $\mathbb{Q}h3$ $\mathbb{Q}g6$ positional draw)
7. $\mathbb{Q}g3!$ (7. $c6?$ $bxc6=) **h2** **8. $\mathbb{Q}xh2$** (8. $\mathbb{Q}g2?$ $\mathbb{Q}d8!$ 9. $f8\mathbb{Q}$ $\mathbb{Q}e6$ 10. $c6$ (10. $\mathbb{Q}xe6$ $h1\mathbb{#}$ +! Excelsior 11. $\mathbb{Q}xh1$ stalemate) 10... $\mathbb{Q}f4+=)$ **d8!**
9. $f8\mathbb{Q}!!$ (9. $f8\mathbb{Q}?$ stalemate) **Qe6** **10.c6!** **Qxf8** (10... $\mathbb{Q}f4$ 11. $c7-+) **11.c7**
A2 ($W\mathbb{Q}h2$) **1-0**$$

D016

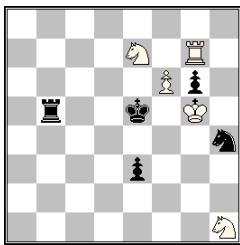


+

(5+5)

1. $\mathbb{Q}c6+!$ **$\mathbb{Q}xc6+$** (1... $\mathbb{Q}c8$ 2. $\mathbb{Q}xb4$ $\mathbb{Q}b8$ 3. $\mathbb{Q}d2-+$)
Thematic try: 2. $\mathbb{Q}d5+!?$ $\mathbb{Q}e5!$ (2... $\mathbb{Q}c8?$ 3. $\mathbb{Q}xc6$ $\mathbb{Q}d8$ 4. $\mathbb{Q}c7+$ see main line) 3. $\mathbb{Q}xe5+$ $\mathbb{Q}c8$ 4. $\mathbb{Q}c6$ **B1** f4! clearing f-file (5. $\mathbb{Q}c7$ f3 = 6. $\mathbb{Q}d6$ $\mathbb{Q}b6$ 7. $\mathbb{Q}xb8$ $\mathbb{Q}xb8$ 8. $\mathbb{Q}d7$ $\mathbb{Q}a8$ 9. $\mathbb{Q}e6$ $\mathbb{Q}b8$ 10. $\mathbb{Q}f5$ $\mathbb{Q}c7$ 11. $\mathbb{Q}e4$ $\mathbb{Q}b6$ 12. $\mathbb{Q}xf3$ $\mathbb{Q}xa6=$; 5.f3 $\mathbb{Q}d8$ 6. $\mathbb{Q}c7+$ $\mathbb{Q}e7$ 7. $\mathbb{Q}b7$ $\mathbb{Q}g8$ 8. $\mathbb{Q}xa7$ $\mathbb{Q}g3=$) 5. $\mathbb{Q}xf4$ **B2** $\mathbb{Q}d8$ 6. $\mathbb{Q}c7+$ (6. $\mathbb{Q}g5+$ $\mathbb{Q}c8)$ $\mathbb{Q}e7$ 7. $\mathbb{Q}b7$ **B** $\mathbb{Q}f8!$ draw
2. $\mathbb{Q}d6!!$ **$\mathbb{Q}c8$** (2... $\mathbb{Q}e5?$ 3. $\mathbb{Q}xe5$ $\mathbb{Q}c8$ 4. $\mathbb{Q}e7!$) 3. $\mathbb{Q}xc6$ **A1/A2** **$\mathbb{Q}d8$** (3... $\mathbb{Q}b4$ 4. $\mathbb{Q}xb8$ $\mathbb{Q}xb8$ 5.f4) **4. $\mathbb{Q}c7+$** (4. $\mathbb{Q}g5+$ only loses time - $\mathbb{Q}c8$ 5. $\mathbb{Q}f4)$ $\mathbb{Q}e7$ 5. $\mathbb{Q}b7$ **A** $\mathbb{Q}g8$ (5... $\mathbb{Q}d7$ 6. $\mathbb{Q}xa8$ $\mathbb{Q}xc7$ 7. $\mathbb{Q}xa7$ f4 8.f3)
6. $\mathbb{Q}xa7$ wins, for example:
6. $\mathbb{Q}g2$ 7.f4 $\mathbb{Q}b2$ 8. $\mathbb{Q}b6$ $\mathbb{Q}b4$ 9. $\mathbb{Q}c5+$ or 7.f3 $\mathbb{Q}b2$ 8. $\mathbb{Q}b6$ $\mathbb{Q}b3$ 9. $\mathbb{Q}b7$ $\mathbb{Q}xf3$ 10.a7 $\mathbb{Q}a3$ 11. $\mathbb{Q}c5+$

D017

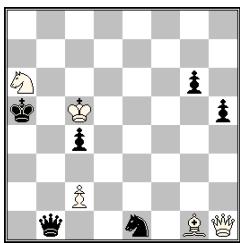


+

(5+5)

1. $\mathbb{Q}g3!$ (1. $\mathbb{Q}xg6+?$ $\mathbb{Q}e6+!$ 2. $\mathbb{Q}xh4 \mathbb{Q}xf6 =) \mathbb{Q}f3+ (1...e2 2. $\mathbb{Q}xe2 \mathbb{Q}e6+ 3. $\mathbb{Q}xh4 \mathbb{Q}xf6 4. \mathbb{Q}h7 \mathbb{Q}h5+ 5. \mathbb{Q}xh5 gxh5+) 2. $\mathbb{Q}xg6 \mathbb{Q}e6$
3. $\mathbb{Q}g8! \mathbb{Q}g5+!$
Thematic try: 4. $\mathbb{Q}h7?$ $\mathbb{Q}xg3 5. \mathbb{Q}xg3 e2 6.f7! e1 \mathbb{Q} 7.f8 \mathbb{Q} xg3 8. \mathbb{Q}c8+=$
 $\mathbb{Q}d5 9. \mathbb{Q}e7+ \mathbb{Q}e4 10. \mathbb{Q}c2+ \mathbb{Q}f4 11. \mathbb{Q}d5+ \mathbb{Q}g4 12. \mathbb{Q}e3+ A \mathbb{Q}h5!=$
(12... $\mathbb{Q}f4 13. \mathbb{Q}g2+ \mathbb{Q}g4 14. \mathbb{Q}c8+ \mathbb{Q}h5 15. \mathbb{Q}e8+ \mathbb{Q}g4 16. \mathbb{Q}e6+ \mathbb{Q}h5$
17. $\mathbb{Q}h6+ \mathbb{Q}g4 18. \mathbb{Q}e3\#$ model mate)
4. $\mathbb{Q}h6! \mathbb{Q}xg3 5. \mathbb{Q}xg3$ (5. $\mathbb{Q}e7+?$ $\mathbb{Q}f5 =) e2 6.f7! e1 \mathbb{Q} 7.f8 \mathbb{Q} xg3$
8. $\mathbb{Q}c8+! \mathbb{Q}d5$ (8... $\mathbb{Q}f7 9. \mathbb{Q}d7+)$ 9. $\mathbb{Q}e7+ \mathbb{Q}e4 10. \mathbb{Q}c2+ \mathbb{Q}f4$
11. $\mathbb{Q}d5+ \mathbb{Q}g4 12. \mathbb{Q}e3+ A \mathbb{Q}f4 13. \mathbb{Q}g2+ \mathbb{Q}g4 14. \mathbb{Q}c8\#$ Ideal mate
1-0$$$

D018



+

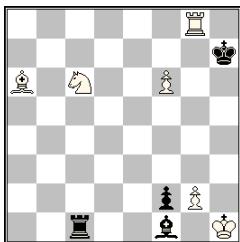
(5+6)

1. $\mathbb{Q}c6!$ (1. $\mathbb{Q}d6?$ $\mathbb{Q}d1+!$ 2. $\mathbb{Q}c7 \mathbb{Q}f3!=) \mathbb{Q}d3+ (1... \mathbb{Q}b2 2. $\mathbb{Q}c7+ \mathbb{Q}a4$
3. $\mathbb{Q}d5 \mathbb{Q}b5+ 4. \mathbb{Q}c5+)$ 2. $\mathbb{Q}xd3$ (2. $\mathbb{Q}d6? \mathbb{Q}xg1=)$ **cxd3 main** (2... $\mathbb{Q}xg1+$
3. $\mathbb{Q}d4 \mathbb{Q}g5+ (3... \mathbb{Q}b1 4. \mathbb{Q}c7 \mathbb{Q}b4+ 5. \mathbb{Q}d5 \mathbb{Q}b3 6. \mathbb{Q}c5+)$ 4. $\mathbb{Q}d5 \mathbb{Q}e7+$
5. $\mathbb{Q}xc4 \mathbb{Q}e4+ 6. \mathbb{Q}c5 \mathbb{Q}e7+ 7. \mathbb{Q}d4 \mathbb{Q}h4+ 8. \mathbb{Q}e5 \mathbb{Q}e7+ 9. \mathbb{Q}e6 \mathbb{Q}g5+$
(9... $\mathbb{Q}g7+ 10. \mathbb{Q}f6+)$ 10. $\mathbb{Q}d6+)$ 3. $\mathbb{Q}c7+ \mathbb{Q}xa6$ 4. $\mathbb{Q}c6+!$ (4. $\mathbb{Q}c8?$ $\mathbb{Q}b7$
5. $\mathbb{Q}e6+ \mathbb{Q}a7 6. \mathbb{Q}a2+ \mathbb{Q}a6!=)$ $\mathbb{Q}a7$ (4... $\mathbb{Q}a5 5. \mathbb{Q}a8\#$ mate)
Thematic try - Black must avoid the domination in "echo" in the counterplay of white: 5. $\mathbb{Q}e3?$ $B \mathbb{Q}b1!$ 6. $\mathbb{Q}f4+ \mathbb{Q}a7 7. \mathbb{Q}a4+ \mathbb{Q}b7$
8. $\mathbb{Q}e4+ \mathbb{Q}a7!$ 9. $\mathbb{Q}e3 \mathbb{Q}b8!$ (not 9... $\mathbb{Q}b7?$ 10. $\mathbb{Q}d6+$ as in solution)
10. $\mathbb{Q}e8+ \mathbb{Q}b7$ 11. $\mathbb{Q}d7+ \mathbb{Q}b8!$ 12. $\mathbb{Q}d4 d2!$ (not 12... $\mathbb{Q}b7?$ compare the positions 1 and 2. 13. $\mathbb{Q}e5+! \mathbb{Q}a7 14. \mathbb{Q}c7! d2 15. \mathbb{Q}b6+ \mathbb{Q}b8 16. \mathbb{Q}d6+$
 $\mathbb{Q}a8 17. \mathbb{Q}d8+ \mathbb{Q}b8 18. \mathbb{Q}d5+ \mathbb{Q}b7 19. \mathbb{Q}g8+ \mathbb{Q}b8 20. \mathbb{Q}a2+ \mathbb{Q}b7$
21. $\mathbb{Q}d5+ \mathbb{Q}a6 22. \mathbb{Q}c4+/d3 \mathbb{Q}b7 23. \mathbb{Q}e4+ \mathbb{Q}a6 24. \mathbb{Q}a4+ \mathbb{Q}b7 25. \mathbb{Q}c6+$
 $\mathbb{Q}a6 26. \mathbb{Q}c7- 1;$ or 12... $\mathbb{Q}c1+?$ 13. $\mathbb{Q}d5 \mathbb{Q}g5+ 14. \mathbb{Q}e5+ \mathbb{Q}a8 15. \mathbb{Q}d6$
 $\mathbb{Q}e3 16. \mathbb{Q}b5 \mathbb{Q}a7 17. \mathbb{Q}e6 \mathbb{Q}a2+ 18. \mathbb{Q}f6 \mathbb{Q}f2+ 19. \mathbb{Q}g7 \mathbb{Q}a7+20. \mathbb{Q}g8+)$
13. $\mathbb{Q}e5+ \mathbb{Q}a8=$ positional draw
5. $\mathbb{Q}d4! A \mathbb{Q}b7$ (5... $\mathbb{Q}b8 6. \mathbb{Q}e8+ \mathbb{Q}b7$ e.g. 7. $\mathbb{Q}d7+ \mathbb{Q}b8 8. \mathbb{Q}e5+ \mathbb{Q}a8$
9. $\mathbb{Q}c8+ \mathbb{Q}a7 10. \mathbb{Q}d4 \mathbb{Q}b7 11. \mathbb{Q}c4+ \mathbb{Q}a6 12. \mathbb{Q}e6+ \mathbb{Q}a5 13. \mathbb{Q}e1+ \mathbb{Q}a6$
14. $\mathbb{Q}a1\#$ mate) 6. $\mathbb{Q}d6+!$ $\mathbb{Q}a8$ 7. $\mathbb{Q}a4+ \mathbb{Q}b8 8. \mathbb{Q}e8+ \mathbb{Q}c8$ 9. $\mathbb{Q}b5+$
 $\mathbb{Q}b7 10. \mathbb{Q}b6 d2$ (10... $\mathbb{Q}c8 11. \mathbb{Q}c7+ \mathbb{Q}a7 12. \mathbb{Q}b6+ \mathbb{Q}a8 13. \mathbb{Q}c6+ \mathbb{Q}a7$
14. $\mathbb{Q}b6+ \mathbb{Q}b8 15. \mathbb{Q}a7-)$ 11. $\mathbb{Q}c7+$ (11. $\mathbb{Q}e8+?$ $\mathbb{Q}c8 12. \mathbb{Q}c7+ \mathbb{Q}b7$
13. $\mathbb{Q}c6+ \mathbb{Q}a7 14. \mathbb{Q}b6+ \mathbb{Q}b8=)$ $\mathbb{Q}a7$ (11... $\mathbb{Q}c8 12. \mathbb{Q}d7+/\mathbb{Q}e8\#$ mate)
12. $\mathbb{Q}c5+ \mathbb{Q}a8$ (12... $\mathbb{Q}a6 13. \mathbb{Q}a5\#$ mate) 13. $\mathbb{Q}a5+ \mathbb{Q}a7 14. \mathbb{Q}d5+$
 $\mathbb{Q}b7 15. \mathbb{Q}a2+ \mathbb{Q}a7 16. \mathbb{Q}g8+ \mathbb{Q}b7 17. \mathbb{Q}d5+ \mathbb{Q}c8 18. \mathbb{Q}e6+ \mathbb{Q}b7$
19. $\mathbb{Q}e4+ \mathbb{Q}c8$ (19... $\mathbb{Q}a6 20. \mathbb{Q}c6-)$ 20. $\mathbb{Q}e8+ \mathbb{Q}b7 21. \mathbb{Q}c6+ \mathbb{Q}c8$
22. $\mathbb{Q}b6- 2$$

Domination \mathbb{Q} against \mathbb{Q} - subtopic: \mathbb{Q} vs. \mathbb{Q}

You can see a similar configuration in the culmination of the study (\mathbb{Q} vs. \mathbb{Q}) in a study of Amiryany (at the bottom and the left the board)

D019

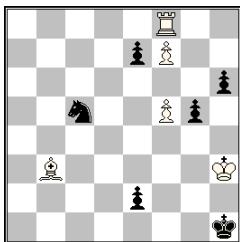


+

(6+4)

1. $\mathbb{Q}g7+$ $\mathbb{Q}h2!$ [2. $\mathbb{Q}e5?$ $\mathbb{Q}c4+!$ 3. $\mathbb{Q}h2 f1\mathbb{Q}$ 4. $\mathbb{Q}f7+ \mathbb{Q}xf7$ 5. $\mathbb{Q}xf1$ $\mathbb{Q}xf1=$] $\mathbb{Q}xa6$ [If 2... $\mathbb{Q}c4!$ in the hope of a hasty $\mathbb{Q}e5?$, then first 3. $\mathbb{Q}xc4$ (but not 3. $\mathbb{Q}e5? f1\mathbb{Q}$ 4. $\mathbb{Q}f7+ \mathbb{Q}xf7$ 5. $\mathbb{Q}xf1$ $\mathbb{Q}xf1=$) $\mathbb{Q}xc4$ and now 4. $\mathbb{Q}e5!$ $\mathbb{Q}h5$ 5. $\mathbb{Q}f7 f1\mathbb{Q}+$ (5... $\mathbb{Q}g4$ 6. $\mathbb{Q}xg4$ $\mathbb{Q}xg4$ 7. $\mathbb{Q}e5+!+-$; 5... $f1\mathbb{Q}?$ 6. $\mathbb{Q}g5+$ $\mathbb{Q}h4$ 7. $g3\#$) 6. $\mathbb{Q}g1$ $\mathbb{Q}f4$ 7. $\mathbb{Q}e5$ $\mathbb{Q}xf6$ 8. $\mathbb{Q}h7+ \mathbb{Q}g5$ 9. $\mathbb{Q}f3+ \mathbb{Q}g6$ 10. $\mathbb{Q}h3$ $\mathbb{Q}e3$ 11. $\mathbb{Q}e5+ \mathbb{Q}f5$ 12. $\mathbb{Q}xe3+-$] **3. $\mathbb{Q}e5!$ $\mathbb{Q}c7!$** [3... $f1\mathbb{Q}+$ 4. $\mathbb{Q}h3$ $\mathbb{Q}c3+ 5. \mathbb{Q}h4$ with checkmate; 3... $f1\mathbb{Q}?$ 4. $\mathbb{Q}f7+ \mathbb{Q}h5$ 5. $\mathbb{Q}g5+ \mathbb{Q}h4$ 6. $g3\#$] **4. $\mathbb{Q}g4+$** [4. $\mathbb{Q}xc7 f1\mathbb{Q}$] $\mathbb{Q}h5$
Thematic try: 5. $\mathbb{Q}xf2?$ $\mathbb{Q}xg7$ 6. $\mathbb{Q}fxg7$ $\mathbb{Q}c4$ **B** 7. $\mathbb{Q}e4$ $\mathbb{Q}g6$ ($h6=$) =
5. $\mathbb{Q}e3! f1\mathbb{Q}$ 6. $\mathbb{Q}xf1$ $\mathbb{Q}xg7$ 7. $\mathbb{Q}fxg7$ $\mathbb{Q}c4$ **A** 8. $\mathbb{Q}e3$ $\mathbb{Q}e6$ 9. $\mathbb{Q}f5$ $\mathbb{Q}g6$
10. $g8\mathbb{Q}+$ $\mathbb{Q}xg8$ 11. $\mathbb{Q}e7+$ 1-0

D020

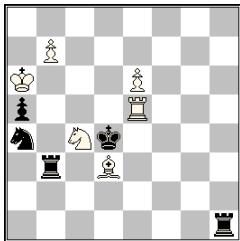


+

(5+6)

1. $\mathbb{Q}d8 h5!$ (1... $e1\mathbb{Q}$ 2. $\mathbb{Q}d1+-$) **2. $\mathbb{Q}d1+!$** (2. $f8\mathbb{Q}?$ $e1\mathbb{Q}$ 3. $\mathbb{Q}d1 g4\#$) $\mathbb{Q}xd1\mathbb{Q}$ **3. $\mathbb{Q}xd1 g4+$** **4. $\mathbb{Q}h4 \mathbb{Q}d7$**
Thematic try: 5. $\mathbb{Q}xh5?$ $g3$ 6. $\mathbb{Q}a4$ $\mathbb{Q}f8$ (6... $g2? 7. \mathbb{Q}xd7 g1\mathbb{Q}$ 8. $\mathbb{Q}c6+ \mathbb{Q}h2$ 9. $f8\mathbb{Q}+$ -) 7. $\mathbb{Q}h6$ $g2$ 8. $\mathbb{Q}c6 e5!$ 9. $\mathbb{Q}g7$ (9. $fxe6$ $\mathbb{Q}xe6=$) $\mathbb{Q}d7$ 10. $f8\mathbb{Q}$ $\mathbb{Q}xf8$ 11. $\mathbb{Q}xf8$ $\mathbb{Q}h2$ 12. $\mathbb{Q}xg2$ $\mathbb{Q}xg2$ **B** 13. $f6$ $e4$ 14. $f7$ $e3$ 15. $\mathbb{Q}g8$ $e2$ 16. $f8\mathbb{Q}$ $e1\mathbb{Q}=$
5. $\mathbb{Q}a4!$ $\mathbb{Q}f8$ 6. $\mathbb{Q}c6+$ (6. $\mathbb{Q}xh5?$ $g3$ 7. $\mathbb{Q}c6+ g2$ 8. $\mathbb{Q}h6 e5=$) **7. $\mathbb{Q}h2$**
7. $\mathbb{Q}xh5 g3$ 8. $\mathbb{Q}h6 g2$ (8... $e5$ 9. $\mathbb{Q}g7+-$) **9. $\mathbb{Q}xg2$ $\mathbb{Q}xg2$ 10. $\mathbb{Q}g7$ $\mathbb{Q}d7$**
11. $f8\mathbb{Q}$ $\mathbb{Q}xf8$ 12. $\mathbb{Q}xf8 e5$ **A** (same as **B**), but 13. $fxe6$ en passant! 1-0

D021

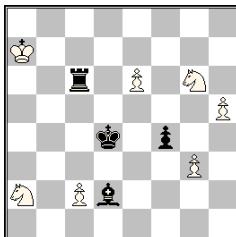


+

(6+5)

1. $\mathbb{Q}c2!$ (1. $e7?$ $\mathbb{Q}h8$ 2. $\mathbb{Q}c2$ $\mathbb{Q}c5+$ 3. $\mathbb{Q}xc5$ $\mathbb{Q}xb7=$; 1. $\mathbb{Q}e4?$ $\mathbb{Q}h8=$) $\mathbb{Q}c5+!$ (1... $\mathbb{Q}xb7$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}c3$ 3. $\mathbb{Q}xa4+-$) **2. $\mathbb{Q}xc5$ $\mathbb{Q}xb7$** (2... $\mathbb{Q}xc5$ 3. $\mathbb{Q}xb3+-$)
Thematic try: 3. $\mathbb{Q}xa5?$ $\mathbb{Q}xc5$ 4. $\mathbb{Q}xb7+ \mathbb{Q}d5$ 5. $\mathbb{Q}b3+ \mathbb{Q}c6$ 6. $\mathbb{Q}a4+ \mathbb{Q}c7$ 7. $e7\mathbb{Q} h6+!$ 8. $a7\mathbb{Q}$ $e6$ 9. $e8\mathbb{Q}+!$? $\mathbb{Q}c8$ 10. $\mathbb{Q}ed6+ \mathbb{Q}c7$ 11. $\mathbb{Q}b5+ \mathbb{Q}c8$ 12. $\mathbb{Q}c2$ $\mathbb{Q}f6$ 13. $\mathbb{Q}f5+?$ $\mathbb{Q}xf5=$ **B**
3. $\mathbb{Q}d6!$ (3. $\mathbb{Q}xb7?$ $\mathbb{Q}xc5=$) $\mathbb{Q}xc5$ 4. $\mathbb{Q}xb7+ \mathbb{Q}d5$ (4... $\mathbb{Q}b4$ 5. $\mathbb{Q}d6 a4$ 6. $e7\mathbb{Q} h8$ 7. $\mathbb{Q}g6 a3$ 8. $\mathbb{Q}f7$ $\mathbb{Q}c3$ 9. $\mathbb{Q}b5$ (9. $\mathbb{Q}b7?$ $\mathbb{Q}c2!=$) $\mathbb{Q}b8+$ 10. $\mathbb{Q}c6$ 11. $\mathbb{Q}c2$ 12. $\mathbb{Q}b7$ $\mathbb{Q}h8$ 12. $\mathbb{Q}c5+-$) 11. $\mathbb{Q}c5!$ $\mathbb{Q}b8$ 12. $\mathbb{Q}b7!$ $\mathbb{Q}h8$ 13. $\mathbb{Q}a5$ $\mathbb{Q}b2$ 14. $\mathbb{Q}c4+-$) **5. $\mathbb{Q}b3+ \mathbb{Q}c6$ 6. $\mathbb{Q}a4+ \mathbb{Q}c7$ 7. $e7\mathbb{Q} h6+!$**
8. $\mathbb{Q}a7$ $\mathbb{Q}e6!$ 9. $e8\mathbb{Q}+!$ [9. $e8\mathbb{Q}?$ $\mathbb{Q}a6+!$ 10. $\mathbb{Q}xa6$ stalemate] **10. $\mathbb{Q}c8$**
10. $\mathbb{Q}ed6+ \mathbb{Q}c7$ 11. $\mathbb{Q}b5+ \mathbb{Q}c8$ 12. $\mathbb{Q}c2!$ switchback (loss of time)
12. $\mathbb{Q}d1?!$ $\mathbb{Q}g6$ 13. $\mathbb{Q}c2$ $\mathbb{Q}f6$ 14. $\mathbb{Q}f6$ 13. $\mathbb{Q}f5+!$ $\mathbb{Q}xf5$ **A** (+B $\mathbb{Q}a5$)
14. $\mathbb{Q}7d6+ \mathbb{Q}d7$ 15. $\mathbb{Q}xf5$ $\mathbb{Q}a4$ 16. $\mathbb{Q}a3$ 1-0 (after Troitzky)

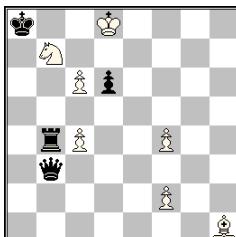
D022



+ (7+4)

1.e7 ♜c7+! [1... ♜c8 2. ♜b7 ♜e8 3.gxf4 ♜xf4 4. ♜c6!+] **2. ♜a8!!**
Thematic try I: 2. ♜b8? ♜xe7 3. ♜xe7 f3! 4.h6! ♜xh6 5. ♜f5+ ♜e4
6. ♜xh6 f2 7. ♜c3+ ♜f3 8. ♜g4! ♜xg4 9. ♜d1! f1 ♜! 10.c4 ♜xg3 11.c5
B1 ♜e4! 12.c6 ♜c5 13.c7 ♜a6+= Fork;
Thematic try II: 2. ♜b6? ♜xe7 3. ♜xe7 f3! 4.h6! ♜xh6 5. ♜f5+ ♜e4
6. ♜xh6 f2 7. ♜c3+ ♜f3 8. ♜g4! ♜xg4 9. ♜d1! f1 ♜! 10.c4 ♜xg3 11.c5
爵f5! 12.c6 ♜e7 13.c7 **B2** ♜d5+= Fork
2... ♜xe7 3. ♜xe7 f3! [3... fxe3 4. ♜f5+- Fork] **4.h6!** [4. ♜f5+ ♜e4 5.h6
f2!=] **4... ♜xh6** [4... ♜g5 5. ♜c6+ ♜e3 6.h7 ♜f6 7. ♜ab4! f2 8. ♜d5+
Fork; 4...f2 5.h7 f1 ♜ 6.h8 ♜+] **5. ♜f5+ [Fork]** **5... ♜e4 6. ♜xh6 f2**
7. ♜c3+ ♜f3 8. ♜g4! ♜xg4 [8... f1 ♜ 9. ♜h2+ Fork] **9. ♜d1! f1 ♜!** [9...
f1 ♜ 10. ♜e3++ Fork] **10.c4 ♜xg3 11.c5 A1** 11... ♜f5 [11... ♜e4 12.c6
爵c5 13.c7+ No check 13... ♜a6+] **12.c6 ♜e7 13.c7 A2** (No check 13...
爵d5+) **1-0**

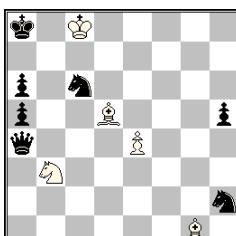
D023



+ (7+4)

1.c7 ♜h3 (1... ♜xc4 2. ♜c5+ ♜a7 3.c8爵+) **2.c8爵+** (2. ♜c5+ ♜xh1
3.c8爵+ ♜b8; 2. ♜d5 ♜h8+) **爵xc8+ 3. ♜xc8 ♜xc4+**
Thematic try: 4. ♜d8? ♜xf4 5. ♜xd6+ ♜a7! **Ba** (Black thematic try:
5... ♜b8? **Bb** 6. ♜e4 ♜h4 7. ♜g2 ♜g4 8. ♜g3 ♜f4 9. ♜h1! ♜g4 10. ♜c6
爵d4+ 11. ♜e7! (11. ♜e8? ♜c7=, 11. ♜d7? ♜b7=) ♜c7 12. ♜a8 ♜b8
13. ♜g2 win) 6. ♜e4 ♜h4 7. ♜f3 ♜f4 8. ♜g2 (8. ♜g5(d2) ♜f5(d4+)) ♜g4
9. ♜g3 ♜f4 10. ♜h1 ♜b6(爵g4)=
4. ♜d7! ♜xf4 5. ♜xd6+ ♜a7 A 6. ♜e4 ♜h4 7. ♜g2 ♜g4 8. ♜g3 ♜f4
9. ♜h1! (9.f3? ♜f7+ and 10... ♜g7=) **爵g4 10. ♜d5 1-0**

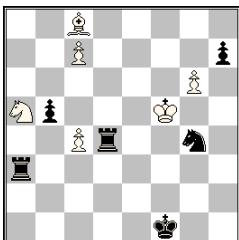
D024



+ (5+7)

Thematic try: 1. ♜xa5? ♜f3 2. ♜xc6+ ♜xc6+ 3. ♜xc6 **B** ♜xg1 4.e5 ♜f3
5.e6 ♜h4 6.e7 ♜f5 7.e8爵爵e7+ 8. ♜xe7 ♜a7 = **EGTB**
1. ♜d4! ♜f3 2. ♜xc6+ ♜xc6+ 3. ♜xc6 A 4. ♜xg1 4.e5 ♜f3 5.e6 ♜h4
6.e7 ♜f5 7.e8爵爵e7+ 8. ♜xe7 1-0

D025



+

(6+6)

- 1.gxh7** (1.g7? $\blacksquare x a 5 -+$, 1. $\blacksquare b 7?$ $\blacksquare e 3$ 2. $\blacksquare c 6 \blacksquare h 6 +$ 3. $\blacksquare f 6 \blacksquare f 4 +$ 4. $\blacksquare g 7$ $\blacksquare f 5 +$ 5. $\blacksquare g 8 \blacksquare e 8 + -$) $\blacksquare f 3 +$ (1... $\blacksquare h 6 +$ 2. $\blacksquare e 5 \blacksquare d 2 3.h 8 \blacksquare h 7 +$ 4. $\blacksquare f 6 \blacksquare x h 8 5.\blacksquare f 5 \blacksquare x a 5 6.c 8 \blacksquare b 4 7.\blacksquare h 3 + \blacksquare e 1 8.\blacksquare x h 8 b 3 9.\blacksquare g 4 b 2 10.\blacksquare h 1 + \blacksquare f 2 11.\blacksquare f 5 \blacksquare a 1 12.\blacksquare b 1 + -, 1...\blacksquare h 3 2.\blacksquare e 6 \blacksquare x h 7 3.c 8 \blacksquare b x c 4 4.\blacksquare x c 4 + -) **2.\blacksquare g 5!** (2. $\blacksquare e 6 ?$ $\blacksquare e 3 +$ 3. $\blacksquare f 7 \blacksquare f 4 +$ 4. $\blacksquare g 6 \blacksquare e 5 +$ 5. $\blacksquare g 5 \blacksquare f 8 + -$, 2. $\blacksquare g 6 ?$ $\blacksquare e 5 +$ 3. $\blacksquare h 5 \blacksquare d 2 4.\blacksquare g 4 \blacksquare h 2 + 5.\blacksquare g 5 \blacksquare x h 7$ 6.c 8 $\blacksquare g 7 + -$) **3.\blacksquare h 6** (3. $\blacksquare h 3 +$? $\blacksquare x h 3 4.c 8 \blacksquare f 7 +$ 5. $\blacksquare g 6 \blacksquare e 5 +$ 6. $\blacksquare f 5 \blacksquare f 7 =$, 3. $\blacksquare e 6 ?$ $\blacksquare g 3 +$! 4. $\blacksquare f 6 \blacksquare f 4 +$! 5. $\blacksquare e 5 \blacksquare f 8 6.c =$ $\blacksquare f 7 +$ 7. $\blacksquare f 4 \blacksquare x c 8$ 8. $\blacksquare x c 8 \blacksquare g 7 9.\blacksquare f 5 \blacksquare b x c 4 10.\blacksquare x c 4 \blacksquare e 2 =) **4.\blacksquare h 4 +** **4.\blacksquare g 7** (4. $\blacksquare g 6 ?$ $\blacksquare g 3 +$ 5. $\blacksquare f 6 \blacksquare x h 7 =$) **5.\blacksquare x h 7 \blacksquare f 7 +**$$
- Thematic try: 6. $\blacksquare g 6 ?$ $\blacksquare x c 7 7.\blacksquare h 3 + \blacksquare e 2 8.c x b 5 \blacksquare a 7 9.\blacksquare c 6 \blacksquare b 7$ 10. $\blacksquare c 8 \blacksquare b 6$ 11. $\blacksquare a 6 \blacksquare d 3$ **B**, now 12. $\blacksquare e 5 +$ is impossible because of pin, 12. $\blacksquare f 5 \blacksquare c 4$ 13. $\blacksquare e 4 \blacksquare c 5 ! =$ (13... $\blacksquare x b 5 ?$ 14. $\blacksquare d 4 + -$)
- 6.\blacksquare g 8!** $\blacksquare x c 7 7.\blacksquare h 3 + \blacksquare e 2$ (7... $\blacksquare f 2 8.c x b 5 \blacksquare a 7 9.\blacksquare c 4 ! \blacksquare b 7 10.b 6 ! + -$) 8.c x b 5 $\blacksquare a 7 9.\blacksquare c 6 !$ (9. $\blacksquare c 4 ?$ $\blacksquare b 7 10.b 6 \blacksquare d 3 =) \blacksquare b 7 10.\blacksquare c 8 !$ $\blacksquare b 6$ (10... $\blacksquare x b 5 11.\blacksquare d 4 + -$) **11.\blacksquare a 6** (rook is blocked) **12.\blacksquare e 5 + !** (12. $\blacksquare f 7 ?$ $\blacksquare c 4 13.\blacksquare e 6 \blacksquare c 5 ! =$ (13... $\blacksquare x b 5 ?$ 14. $\blacksquare d 6 ! + -$)) **13.\blacksquare d 4** (or $\blacksquare c 3$) **14.\blacksquare d 7 \blacksquare d 6** **15.\blacksquare c 8 \blacksquare c 4** **15.b 6 \blacksquare b 5** **16.b 7 1-0**

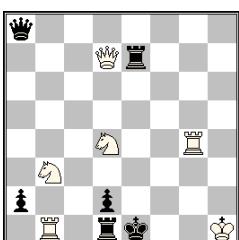
Sacrifices

Fork

Pins

Not $\blacksquare c 7$ or $\blacksquare g 6$, but $\blacksquare c 4$ will be promoted in the end!

D026



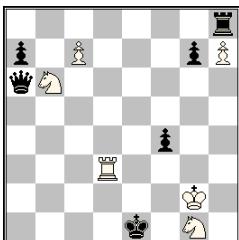
+

(6+6)

W $\ddot{\text{O}}$ in check

- 1.\blacksquare h 2 !!** (1. $\blacksquare g 2 ?$ $\blacksquare x g 2 + 2.\blacksquare x g 2 \blacksquare x d 7 3.\blacksquare c 2 \blacksquare e 2 =) \blacksquare h 1 + !$ (not 1... $\blacksquare h 8 ?$ 2. $\blacksquare g 1 +$ - etc; 1... $\blacksquare x d 7 ?$ 2. $\blacksquare x d 1 \blacksquare f 2 3.\blacksquare x d 2 \blacksquare e 3 4.\blacksquare c 2 \blacksquare f 3 5.\blacksquare g 3 \blacksquare f 4 6.\blacksquare x d 7 +) **2.\blacksquare x h 1 a x b 1** $\ddot{\text{O}}$$
- Thematic try: 3. $\blacksquare g 2 ?$ $\blacksquare h 7 4.\blacksquare g 1 \blacksquare h 1 !$ 5. $\blacksquare x h 1 \blacksquare x d 7 6.\blacksquare g 1 \blacksquare x d 4 7.\blacksquare x d 4$ **B** $\blacksquare b 1 !$ 8. $\blacksquare f 3 \blacksquare d 1 9.\blacksquare x d 2 \blacksquare c 1 =$
- 3.\blacksquare g 1 !** $\blacksquare x d 7$ (now 3... $\blacksquare h 7 ?$ 4. $\blacksquare c 6 \blacksquare d 3 5.\blacksquare f 6 \blacksquare c 1$ and #9) **4.\blacksquare g 2 !** $\blacksquare x d 4 5.\blacksquare x d 4$ **A** (extra **B**)
- a) 5... $\blacksquare d 3 !$ $\blacksquare e 4 6.\blacksquare e 2 + \blacksquare x e 2 7.\blacksquare c 2 \ddagger$
- b) 5... $\blacksquare c 1 6.\blacksquare f 3 + \blacksquare d 1 7.\blacksquare x d 2 \ddagger$

D027



1. $\mathbb{Q}f3+$!

Thematic try I: 1. $c8\mathbb{Q}$? $\mathbb{Q}xc8!$ (1... $\mathbb{Q}xd3$ 2. $\mathbb{Q}c1+$ $\mathbb{Q}d1$ 3. $\mathbb{Q}f3+$ $\mathbb{Q}e2$ 4. $\mathbb{Q}c4+$ $\mathbb{Q}d3$ 5. $\mathbb{Q}a2+$! $\mathbb{Q}d1$ 6. $\mathbb{Q}a1+$; 1... $\mathbb{Q}a2+$ 2. $\mathbb{Q}h1!$ $\mathbb{Q}xh7+$ 3. $\mathbb{Q}h3-$) 2. $\mathbb{Q}f3+$ $\mathbb{Q}e2$ 3. $\mathbb{Q}d2+$ $\mathbb{Q}e3$ 4. $\mathbb{Q}d5+$ (4. $h8\mathbb{Q}?$! **B1** $\mathbb{Q}f1+!!$ 5. $\mathbb{Q}xf1$ $\mathbb{Q}xh8$ 6. $\mathbb{Q}g2$ $\mathbb{Q}xb6=$) $\mathbb{Q}e4$ 5. $\mathbb{Q}d4+$ (5. $h8\mathbb{Q}$ $\mathbb{Q}g6+!=$) $\mathbb{Q}f5$ 6. $\mathbb{Q}xf4+$ $\mathbb{Q}g6!$ 7. $\mathbb{Q}e7+$ (7. $h8\mathbb{Q}+!=$; 7. $h8\mathbb{Q}$ $\mathbb{Q}e2+!=$) $\mathbb{Q}xh7$ 8. $\mathbb{Q}h4+$ $\mathbb{Q}h6$ **B2** 9. $\mathbb{Q}g5+$ (9. $\mathbb{Q}xh6+$ $\mathbb{Q}xh6!$ 10. $\mathbb{Q}xc8$ $a5!$ 11. $\mathbb{Q}b6$ $a4$ 12. $\mathbb{Q}c4$ $a3!=$) $\mathbb{Q}h8$ 10. $\mathbb{Q}f7+$ $\mathbb{Q}h7$ 11. $\mathbb{Q}xh6+$ (11. $\mathbb{Q}xh6$ $\mathbb{Q}c2+=$) $gxh6$ 12. $\mathbb{Q}xc8$ $a5!$ 13. $\mathbb{Q}b6$ $a4$ 14. $\mathbb{Q}xa4$ $\mathbb{Q}g8!=$

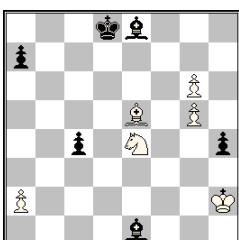
1... $\mathbb{Q}e2$ 2. $\mathbb{Q}d2+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}d5+$ $\mathbb{Q}e4$ 4. $\mathbb{Q}e7!$

Thematic try II: 4. $\mathbb{Q}d4+?$ $\mathbb{Q}f5$ 5. $\mathbb{Q}xf4+$ $\mathbb{Q}e6!=$ **B3**. No 6. $\mathbb{Q}c7+$ 4... $\mathbb{Q}e3!$ 5. $c8\mathbb{Q}!$ (5. $\mathbb{Q}f5+?$ $\mathbb{Q}e4$ 6. $\mathbb{Q}5h4$ $\mathbb{Q}e3!$ 7. $\mathbb{Q}d8$ $\mathbb{Q}a2+!$ 8. $\mathbb{Q}h3$ $\mathbb{Q}e6+=$; 5. $\mathbb{Q}c2?$ $\mathbb{Q}d3!$ 6. $c8\mathbb{Q}$ $\mathbb{Q}xc8$ 7. $\mathbb{Q}xc8$ $\mathbb{Q}a2+=$) 5... $\mathbb{Q}xc8$ 6. $h8\mathbb{Q}!$ **A1** $\mathbb{Q}xh8$ (6... $\mathbb{Q}f1+$ 7. $\mathbb{Q}xf1$ $\mathbb{Q}xh8$ 8. $\mathbb{Q}g2+)$ 7. $\mathbb{Q}d5+$ $\mathbb{Q}e4$ 8. $\mathbb{Q}d4+$ $\mathbb{Q}f5$ 9. $\mathbb{Q}xf4+$ $\mathbb{Q}g6$ (9... $\mathbb{Q}e6$ **A3** 10. $\mathbb{Q}c7+)$ 10. $\mathbb{Q}e7+!$ $\mathbb{Q}h7$ 11. $\mathbb{Q}h4+$ $\mathbb{Q}h6$ **A2** 12. $\mathbb{Q}g5\#$!

+

(6+6)

D028



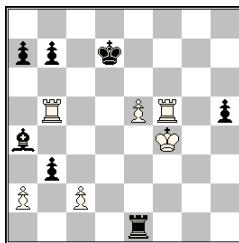
1. $g7$ (1. $\mathbb{Q}f6+?$ $\mathbb{Q}c7!$ 2. $g7$ $\mathbb{Q}f7$ 3. $\mathbb{Q}d4$ $c3!$ 4. $\mathbb{Q}xc3$ $\mathbb{Q}xc3$ 5. $\mathbb{Q}xc3$ $\mathbb{Q}d6$ 6. $\mathbb{Q}h3$ $\mathbb{Q}e5$ 7. $\mathbb{Q}xh4$ $\mathbb{Q}f5$ 8. $a3$ $\mathbb{Q}g6=$) $\mathbb{Q}f7$ 2. $g6!$ $\mathbb{Q}e6!$ 3. $\mathbb{Q}g5!$ $\mathbb{Q}g8$ (3... $\mathbb{Q}g3+$ 4. $\mathbb{Q}xg3$ $hxg3+$ 5. $\mathbb{Q}xg3$ $\mathbb{Q}g8$ 6. $\mathbb{Q}f7+$ $\mathbb{Q}e7$ 7. $\mathbb{Q}h6$ $\mathbb{Q}e6$ 8. $g8\mathbb{Q}$ $\mathbb{Q}xg8$ 9. $\mathbb{Q}xg8+$ $\mathbb{Q}f8$ 10. $\mathbb{Q}f6+)$ 4. $\mathbb{Q}f7+$ $\mathbb{Q}e7!$ 5. $\mathbb{Q}h6$ $\mathbb{Q}d5$ 6. $g8\mathbb{Q}$ (6. $\mathbb{Q}d4?$ $\mathbb{Q}d2!$ 7. $g8\mathbb{Q}$ $\mathbb{Q}xg8$ 8. $\mathbb{Q}xg8+$ $\mathbb{Q}f8$ 9. $\mathbb{Q}f6$ $c3$ 10. $\mathbb{Q}d7+$ $\mathbb{Q}g8$ 11. $\mathbb{Q}c5$ $c2$ 12. $\mathbb{Q}d3$ $c1\mathbb{Q}$ 13. $\mathbb{Q}xc1$ $\mathbb{Q}xc1=$) $\mathbb{Q}xg8$ 7. $\mathbb{Q}xg8+$ $\mathbb{Q}f8$ 8. $\mathbb{Q}h6!$ (8. $\mathbb{Q}f6?$ $\mathbb{Q}g7!=$) $\mathbb{Q}g3+$ 9. $\mathbb{Q}xg3$ $hxg3+$

Thematic try: 10. $\mathbb{Q}xg3?$ $c3$ 11. $g7+$ $\mathbb{Q}xg7$ 12. $\mathbb{Q}f5+$ $\mathbb{Q}f6$ 13. $\mathbb{Q}xg3$ $\mathbb{Q}e5$ 14. $\mathbb{Q}f3!$ **A** (14. $\mathbb{Q}f2?$ $c2$ 15. $\mathbb{Q}e2$ $\mathbb{Q}e4!$ 16. $\mathbb{Q}c1$ $\mathbb{Q}d4$ 17. $\mathbb{Q}e2$ $\mathbb{Q}c3=$) $c2$ 15. $\mathbb{Q}e2$ $\mathbb{Q}f1\mathbb{Q}!$ 16. $\mathbb{Q}xc1$ $\mathbb{Q}d4$ 17. $\mathbb{Q}e2$ $\mathbb{Q}c3$ 18. $\mathbb{Q}d3!$ $a5$ (18... $\mathbb{Q}c2$ 19. $\mathbb{Q}e3$ $\mathbb{Q}c3$ 20. $\mathbb{Q}e4$ $\mathbb{Q}c4$ 21. $\mathbb{Q}c1$ $\mathbb{Q}c3$ 22. $\mathbb{Q}d5!$ +) 19. $\mathbb{Q}e3$ $a4$ 20. $\mathbb{Q}e4$ $\mathbb{Q}c4$ 21. $\mathbb{Q}c1!$ $\mathbb{Q}c3$ 22. $\mathbb{Q}d5!$ $a3$ 23. $\mathbb{Q}c5$ $\mathbb{Q}b2$ 24. $\mathbb{Q}b4$ $\mathbb{Q}xc1$ 25. $\mathbb{Q}xa3$ 1-0

+

(6+6)

D029

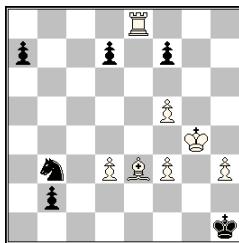


+

(6+7)

1. $\blacksquare d5+$! (1. $\blacksquare xb7?$ $\blacksquare c8 axb3$ (2. $\blacksquare xb3 \blacksquare xb3 3. axb3 \blacksquare f1+ 4. \blacksquare g5 \blacksquare xf5+ 5. \blacksquare xf5 \blacksquare d7! etc.) \blacksquare f1+! 3. $\blacksquare g5 \blacksquare xf5+ 4. \blacksquare xf5 \blacksquare d7+ 5. \blacksquare xd7 \blacksquare xd7 6. \blacksquare f6 h4 7. \blacksquare f7 h3 8. e6+ $\blacksquare c7 9. e7 h2 10. e8 \blacksquare h1 \blacksquare =$) $\blacksquare e7$
2. $\blacksquare axb3 \blacksquare f1+$ (2... $\blacksquare xb3 3. \blacksquare c5 +$) **3. $\blacksquare e4 \blacksquare e1+$ **4. $\blacksquare d4 \blacksquare d1+$**
 Thematic try: 5. $\blacksquare c4?$ $\blacksquare xb3+ 6. cxb3 \blacksquare c1+ 7. \blacksquare d4 \blacksquare d1+ 8. $\blacksquare e4 \blacksquare e1+ 9. \blacksquare f4 \blacksquare f1+ 10. \blacksquare g5 \blacksquare g1+ 11. \blacksquare h6 \blacksquare e6 12. $\blacksquare g5 \blacksquare xg5 13. \blacksquare xg5 \blacksquare xd5 14. \blacksquare f6 h4 15. e6 h3 16. e7 h2 17. e8 \blacksquare h1 \blacksquare =$ **B**
 5. $\blacksquare c5! b6+$ **6. $\blacksquare c4 \blacksquare xb3+ 7. cxb3 \blacksquare c1+ 8. \blacksquare d4 \blacksquare d1+ 9. \blacksquare e4 \blacksquare e1+ 10. \blacksquare f4 \blacksquare f1+ 11. \blacksquare g5 \blacksquare g1+ 12. \blacksquare h6 \blacksquare e6 13. $\blacksquare g5 \blacksquare xg5 14. \blacksquare xg5 \blacksquare xd5 15. \blacksquare f6 h4 16. e6 h3 17. e7 h2 18. e8 \blacksquare h1 \blacksquare A$ **19. $\blacksquare a8+!$ 1-0**$**$$**$$

D030

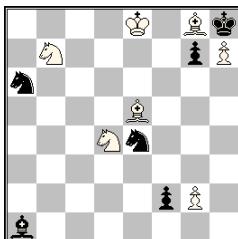


+

(7+6)

Thematic try I: 1. $\blacksquare f2? \blacksquare g2!$ 2. $\blacksquare e2$ (2. $\blacksquare e1 \blacksquare c1$) $b1 \blacksquare$ 3. $\blacksquare g3+ \blacksquare f1$
 4. $\blacksquare e1+ \blacksquare xe1$ 5. $\blacksquare xe1 \blacksquare e1$ 6.h4 a5! 7.h5 a4 8.h6 a3 9.h7 a2 10.h8 $\blacksquare a1 \blacksquare$ 11. $\blacksquare xa1$ **B1** $\blacksquare xa1=$
1. $\blacksquare d2! \blacksquare xd2$ (1... $\blacksquare b1 \blacksquare 2. \blacksquare e1+$)
Thematic try II: 2. $\blacksquare b8?$ $b1 \blacksquare$ 3. $\blacksquare xb1+ \blacksquare xb1$ 4. h4 $\blacksquare c3$ 5.h5 $\blacksquare d5$
 6. $\blacksquare g5 f6+ 7. \blacksquare g4 \blacksquare e3+ 8. \blacksquare f4$ **B2** $\blacksquare g2+!$ 9. $\blacksquare e4$ (9. $\blacksquare g3 \blacksquare e3$ 10. $\blacksquare f4$
 $\blacksquare g2+)$...d5+ 10. $\blacksquare d4 \blacksquare h4!=$
2. $\blacksquare e1+! \blacksquare g2$ (2... $\blacksquare h2$ 3.h4) **3. $\blacksquare d1!$** (3.h4? $\blacksquare f2$ 4. $\blacksquare d1 \blacksquare e2$ 5. $\blacksquare g1$
 $\blacksquare f2=$) $b1 \blacksquare$ **4. $\blacksquare xb1 \blacksquare xb1$** **5.h4** $\blacksquare c3!$ (5...a5 6.h5 a4 7.h6 a3 8.h7 a2
 9.h8 $\blacksquare a1 \blacksquare$ 10. $\blacksquare xa1$ **A1** (B $\blacksquare b1$ - 10... $\blacksquare xa1$??)) **6.h5** $\blacksquare d5$ **7. $\blacksquare g5!$ f6+**
8. $\blacksquare g4!$ (8. $\blacksquare g6?$ $\blacksquare f4+$) $\blacksquare e3+ (\blacksquare f6???)$ **9. $\blacksquare f4$ A2** (B $\blacksquare g2$ - 9... $\blacksquare g2+???$)
 $\blacksquare d5+ 10. \blacksquare e4 \blacksquare c3+ 11. \blacksquare d4$ (11. $\blacksquare e3?$ $\blacksquare b5$ 12.h6 $\blacksquare d6$) $\blacksquare e2+$
Thematic try III: 12. $\blacksquare c4?$ $\blacksquare g3$ 13.h6 $\blacksquare xf5$ 14.h7 **B3** $\blacksquare d6+!$ 15. $\blacksquare d5 \blacksquare f7$
 win.; 12. $\blacksquare e3?$ $\blacksquare g3$ 13.h6 $\blacksquare xf5+]$
12. $\blacksquare c5!$ d6+ 13. $\blacksquare c4!$ $\blacksquare g3$ (13... $\blacksquare g1$ 14.f4! (14.h6? $\blacksquare xf3$ 15.h7 $\blacksquare e5+$
 16. $\blacksquare d5 \blacksquare f7$ 17. $\blacksquare e6 \blacksquare g5+)) **14.h6** $\blacksquare xf5$ **15.h7** **A3** (B $\blacksquare d6-$
 15... $\blacksquare d6+???)$ **1-0**$

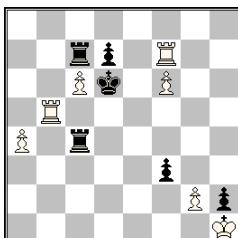
D031



+ (7+6)

1. $\mathbb{Q}d8 \mathbb{Q}c7+!$ (1... $\mathbb{Q}xd4$ 2. $\mathbb{Q}f7\#$; 1... $\mathbb{Q}g5$ 2. $\mathbb{Q}c4+-$) 2. $\mathbb{Q}f8! \mathbb{f}1\mathbb{w}+$
 3. $\mathbb{Q}f7+ \mathbb{w}xf7+ 4. \mathbb{Q}xf7 \mathbb{Q}g5+ 5. \mathbb{Q}g6 \mathbb{Q}xh7 6. \mathbb{Q}xh7 \mathbb{Q}xd4! 7. \mathbb{Q}xd4$
 $\mathbb{Q}e6$
 Thematic tries: 8. $\mathbb{Q}e5?$ $\mathbb{Q}f8+$ 9. $\mathbb{Q}f7 \mathbb{Q}g6!$ 10. $\mathbb{Q}xg6/\mathbb{Q}xg6$ stalemate;
 8. $\mathbb{Q}c3?$ $\mathbb{Q}f4+$ 9. $\mathbb{Q}g5 \mathbb{Q}d5!$ (9... $\mathbb{Q}e2?$ 10. $\mathbb{Q}b2 \mathbb{Q}xh7$ 11. $\mathbb{Q}g4 g5$
 12. $\mathbb{Q}xg5 \mathbb{Q}g3$ 13. $\mathbb{Q}f4 \mathbb{Q}f1$ 14. $\mathbb{Q}c1+-$) 10. $\mathbb{Q}d4 \mathbb{Q}xh7=$; 8. $\mathbb{Q}b2?$ $\mathbb{Q}f8+$
 9. $\mathbb{Q}f7 \mathbb{Q}g6!$ 10. $\mathbb{Q}g8 \mathbb{Q}e5+!$ 11. $\mathbb{Q}e8$ (11. $\mathbb{Q}xe5$ stalemate; 11. $\mathbb{Q}f8+$
 $\mathbb{Q}g6+$ 12. $\mathbb{Q}f7 \mathbb{Q}e5+$ positional draw - perpetual check/stalemate)
 $\mathbb{Q}d3!$ (11... $\mathbb{Q}c4?$ 12. $\mathbb{Q}xc4+-$) 12. $\mathbb{Q}d4 \mathbb{Q}xg8=$
 8. $\mathbb{Q}a1!! \mathbb{Q}f8+$ (8... $\mathbb{Q}f4+$ 9. $\mathbb{Q}g5!$ (9. $\mathbb{Q}f5?$ $\mathbb{Q}xg2$ 10. $\mathbb{Q}g6 \mathbb{Q}h4+-$)
 $\mathbb{Q}e6+$ 10. $\mathbb{Q}f5 \mathbb{Q}f8$ 11. $\mathbb{Q}g6 \mathbb{Q}xg6$ 12. $\mathbb{Q}xg6+-$) 9. $\mathbb{Q}f7 \mathbb{Q}xh7$ (9... $\mathbb{Q}g6$
10. $\mathbb{Q}g8+-$) 10. $\mathbb{Q}xg7\#$

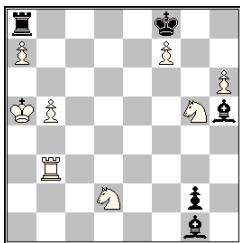
D032



+ (7+6)

Thematic try I: 1. $\mathbb{Q}xd7?$ $\mathbb{Q}xd7$ (1... $\mathbb{Q}xc6?$ 2. $\mathbb{Q}xc7+ \mathbb{Q}xc7$ 3. $\mathbb{Q}f5+-$)
 2. $\mathbb{Q}xd7 \mathbb{Q}xd7!$ (2... $\mathbb{Q}xg2+?$ 3. $\mathbb{Q}xh2!$ $\mathbb{Q}xd7$ 4. $\mathbb{Q}b7+!$ $\mathbb{Q}e8$ 5. $\mathbb{Q}a7!+-$;
 2... $\mathbb{Q}c1+?$ 3. $\mathbb{Q}xh2+?$ 3.f7 $\mathbb{Q}xg2+4. \mathbb{Q}xh2 \mathbb{Q}e7$ 5. $\mathbb{Q}f5 \mathbb{Q}f8$ 6.a5 **B1** $\mathbb{Q}g4!$
 7. $\mathbb{Q}g1 \mathbb{Q}g6!=$
 1. $\mathbb{Q}xd7!$ $\mathbb{Q}xd7$ (1... $\mathbb{Q}xg2+?$ 2. $\mathbb{Q}xh2!+-$ (2. $\mathbb{Q}xg2? \mathbb{Q}xd7=$)) 2. $\mathbb{Q}b6+!!$
 (2. $\mathbb{Q}xd7+?$ $\mathbb{Q}xd7=$ - as in first try) **c7 3. $\mathbb{Q}xd7+ \mathbb{Q}xd7$ (3... $\mathbb{Q}xb6?$ 4.f7
 $\mathbb{Q}xg2+5. \mathbb{Q}xh2!+-$ (5. $\mathbb{Q}xg2?$ $\mathbb{Q}c2+6. \mathbb{Q}h1 \mathbb{Q}f2!-)) 4.f7!$ (4. $\mathbb{Q}xf3?$ $\mathbb{Q}xa4=$)
 $\mathbb{Q}xg2+4... \mathbb{Q}e7 5. \mathbb{Q}f6!$ (5. $\mathbb{Q}b7+?$ $\mathbb{Q}f8 6. \mathbb{Q}xf3 \mathbb{Q}xa4=$) $\mathbb{Q}xg2+6. \mathbb{Q}xh2!$ as
 in main variation)
 Thematic try II: 5. $\mathbb{Q}xg2?$ $\mathbb{Q}e7$ 6. $\mathbb{Q}f6 \mathbb{Q}f8$ 7.a5 $\mathbb{Q}c2+8. \mathbb{Q}h1 \mathbb{Q}b2$
 (8... $\mathbb{Q}a2?$ 9.a6+- zz) 9. $\mathbb{Q}f4 \mathbb{Q}b5!$ (9... $\mathbb{Q}a2?$ 10. $\mathbb{Q}f5+-$ zz; 9... $\mathbb{Q}c2$ 10.a6
 $\mathbb{Q}c6$ 11.a7 $\mathbb{Q}a6$ 12. $\mathbb{Q}h4+-$) 10.a6 $\mathbb{Q}a5$ 11. $\mathbb{Q}f6$ $\mathbb{Q}a2=$ zz or 9. $\mathbb{Q}f5 \mathbb{Q}a2=$
 zz; or 9.a6 $\mathbb{Q}a2!=$ **B2**, zz (no tempo move by white king)
 5. $\mathbb{Q}xh2!$ $\mathbb{Q}e7$ 6. $\mathbb{Q}f6!$ $\mathbb{Q}f8$ 7.a5 **A1** $\mathbb{Q}a4$ (7... $\mathbb{Q}g4$ 8. $\mathbb{Q}g1!+-$) **8.a6!**
 (8. $\mathbb{Q}f5?$ $\mathbb{Q}g4!=$) **A2** 9. $\mathbb{Q}g1!+-$ tempo **A2** 10. $\mathbb{Q}a7$ (10. $\mathbb{Q}h6 \mathbb{Q}xf7$
 11. $\mathbb{Q}h8 \mathbb{Q}a2$ 12.a7 moves inversion) **A2** 11. $\mathbb{Q}h6 \mathbb{Q}xf7$ 12. $\mathbb{Q}h8$ 1-0**

D033



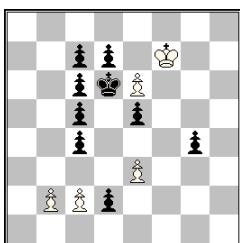
+

(8+5)

1.b6! (1. $\mathbb{Q}b1?$ $\mathbb{Q}xa7$ 2.b6 $\mathbb{Q}xf7$ 3.bxa7 (3.b7 $\mathbb{Q}b8$ 4.h7 $\mathbb{Q}d4$ 5. $\mathbb{Q}df3$ $\mathbb{Q}c3$ + 6. $\mathbb{Q}a6$ $\mathbb{Q}d5$ 7. $\mathbb{Q}a7$ $\mathbb{Q}xb7$ + 8. $\mathbb{Q}xb7$ $\mathbb{Q}xb7$ 9. $\mathbb{Q}xb7$ $\mathbb{Q}g7$) =)
 3... $\mathbb{Q}xa7$ + 4. $\mathbb{Q}b6$ $\mathbb{Q}e7$ 5. $\mathbb{Q}df3$ $\mathbb{Q}d5$ 6. $\mathbb{Q}c5$ $\mathbb{Q}xf3$ 7. $\mathbb{Q}xf3$ $\mathbb{Q}g8$ 8. $\mathbb{Q}b2$ $\mathbb{Q}h7$ =) 1... $\mathbb{Q}xb6$ + 2. $\mathbb{Q}xb6$ $\mathbb{Q}xa7$ +
Thematic try: 3. $\mathbb{Q}b5?$ $\mathbb{Q}xf7$ 4.h7 $\mathbb{Q}xh7$ 5. $\mathbb{Q}xh7$ + $\mathbb{Q}g8$ 6. $\mathbb{Q}f3$ $\mathbb{Q}e8$ 7. $\mathbb{Q}g5$ **B** $\mathbb{Q}c6$ +! 8. $\mathbb{Q}xc6$ g1 \mathbb{Q} 9. $\mathbb{Q}g6$ + $\mathbb{Q}h8$ 10. $\mathbb{Q}f7$ + $\mathbb{Q}h7$ 11. $\mathbb{Q}xg1$ stalemate.

3. $\mathbb{Q}b4!$ $\mathbb{Q}xf7$ 4.h7! (4. $\mathbb{Q}b8$ +? $\mathbb{Q}e7$ 5. $\mathbb{Q}h3$ $\mathbb{Q}g6$! 6. $\mathbb{Q}b7$ + $\mathbb{Q}e8$ 7. $\mathbb{Q}b6$ $\mathbb{Q}h7$! 8. $\mathbb{Q}e6$ + $\mathbb{Q}e7$ 9. $\mathbb{Q}xe7$ $\mathbb{Q}xe7$ = or 4. $\mathbb{Q}h3$? $\mathbb{Q}f4$ + 5. $\mathbb{Q}xf4$ g1 \mathbb{Q} 6. $\mathbb{Q}b8$ + $\mathbb{Q}e8$ 7.h7 $\mathbb{Q}g7$ 8.h8 \mathbb{Q} + $\mathbb{Q}xh8$ 9. $\mathbb{Q}xe8$ + =EGTB) $\mathbb{Q}xh7$
5. $\mathbb{Q}xh7$ + $\mathbb{Q}g8$! (5... $\mathbb{Q}g7$ 6. $\mathbb{Q}b7$ + $\mathbb{Q}g8$ 7. $\mathbb{Q}f6$ + $\mathbb{Q}f8$ 8. $\mathbb{Q}b8$ + $\mathbb{Q}f7$ 9. $\mathbb{Q}g8$ $\mathbb{Q}g10$ 10. $\mathbb{Q}f3$ $\mathbb{Q}xf6$ 11. $\mathbb{Q}c5$ +) **6. $\mathbb{Q}f3!$ $\mathbb{Q}xf3$** (6... $\mathbb{Q}xh7$ 7. $\mathbb{Q}g1$ = EGTB) **7. $\mathbb{Q}g5!$ A $\mathbb{Q}g4!$** (7... g1 \mathbb{Q} 8. $\mathbb{Q}g6$ + $\mathbb{Q}h8$ (8... $\mathbb{Q}f8$ 9. $\mathbb{Q}h7$ + $\mathbb{Q}~$ 10. $\mathbb{Q}xg1$ +) 9. $\mathbb{Q}f7$ + $\mathbb{Q}h7$ 10. $\mathbb{Q}xg1$ + or 7... $\mathbb{Q}~$ 8. $\mathbb{Q}h3$ + EGTB)
8. $\mathbb{Q}g6$ + $\mathbb{Q}h8$ (8... $\mathbb{Q}f8$ 9. $\mathbb{Q}h7$ + $\mathbb{Q}~$ 10. $\mathbb{Q}xg4$ +) **9. $\mathbb{Q}f7$ + $\mathbb{Q}h7$**
10. $\mathbb{Q}xg4$ g1 \mathbb{Q} 11. $\mathbb{Q}g5$! (11. $\mathbb{Q}xg1$ stalemate) $\mathbb{Q}g6$ 12. $\mathbb{Q}xg1$ 1-0

D034

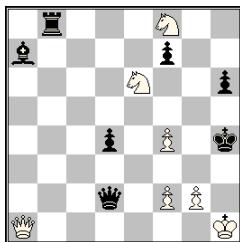


+

(5+9)

1.e7 d1 \mathbb{Q} A
 1...d1 \mathbb{Q} **B** 2.e4 $\mathbb{Q}~$ 3.e8 $\mathbb{Q}#$
2.e8 $\mathbb{Q}+$ (2.e8 $\mathbb{Q}?$ $\mathbb{Q}f1$ + 3. $\mathbb{Q}g6$ g3-+) $\mathbb{Q}d5$ 3. $\mathbb{Q}f6$ + $\mathbb{Q}d6$ 4. $\mathbb{Q}e4$ + $\mathbb{Q}d5$
 5. $\mathbb{Q}c3$ + $\mathbb{Q}d6$ 6. $\mathbb{Q}xd1$ e4 (6... $\mathbb{Q}d5$ 7. $\mathbb{Q}c3$ + $\mathbb{Q}d6$ 8. $\mathbb{Q}e4$ + $\mathbb{Q}d5$ 9. $\mathbb{Q}f6$ +
 $\mathbb{Q}d6$ 10. e4 g3 [10... c3 11. $\mathbb{Q}e8$ #] 11. $\mathbb{Q}e8$ #) 7. $\mathbb{Q}f6$ c3 8. b3 c4 9. b4 c5
 10. b5 c6 11. b6 g3 12. $\mathbb{Q}xc3$ g2 13. $\mathbb{Q}xe4$ + $\mathbb{Q}d5$ 14. $\mathbb{Q}c3$ + $\mathbb{Q}d6$ 15. e4
 g1~ 16. e5#

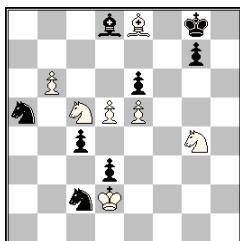
D035



+ (7+7)

1. $\blacksquare a3!$ (1. $\blacksquare g1?$ $\blacksquare g4$; 1. $\blacksquare xa7?$ $\blacksquare b1+$ 2. $\blacksquare h2$ $\blacksquare xf2$ 3. $\blacksquare e7+$ $\blacksquare g4$)
1. $\blacksquare b3!$ (1... $\blacksquare d3$ 2. $\blacksquare xa7$ $\blacksquare b1+$ 3. $\blacksquare h2$ $\blacksquare e1$ (3... $\blacksquare xf2$ 4. $\blacksquare xf2+$) 4. $\blacksquare e7+$ $\blacksquare g4$ 5. $\blacksquare f3+$) **2. $\blacksquare xb3$** (2. $\blacksquare e7+$? $\blacksquare g4$ 3. $\blacksquare xf7$ (3. $\blacksquare d7$ $\blacksquare h3+$ 4. $\blacksquare gxh3+$ $\blacksquare f3$) 5. $\blacksquare b7+$ $\blacksquare xf2$ 6. $\blacksquare g2+$ $\blacksquare e3=$) $\blacksquare b5!$ 4. $\blacksquare g7+$ $\blacksquare g5$ 5. $\blacksquare fxg5$ $\blacksquare c1+$ 6. $\blacksquare h2$ $\blacksquare b8+$ 7. $\blacksquare g3$ $\blacksquare xg3+$ 8. $\blacksquare g2$ $\blacksquare c6+=$) **d3**
Thematic try: 3. $\blacksquare d4?$ $\blacksquare xd4!$ (3... $\blacksquare g4$ 4. $\blacksquare f3$ $\blacksquare c1+$ 5. $\blacksquare h2$ $\blacksquare xf4$ 6. $\blacksquare g3$ $\blacksquare xf3$ 7. $\blacksquare a4+$ $\blacksquare f5$ 8. $\blacksquare xa7-$) 4. $\blacksquare g6$ $\blacksquare fxg6$ 5. $\blacksquare e6$ $\blacksquare d1+$ 6. $\blacksquare h2$ $\blacksquare g4$ 7. $\blacksquare g3+$ $\blacksquare h5$ 8. $\blacksquare d5+$ $\blacksquare f5$ 9. $\blacksquare f3+$ $\blacksquare g4$ 10. $\blacksquare h1$ $\blacksquare g5$ 11. $\blacksquare f3$ $\blacksquare c8!$ 12. $\blacksquare f5$ **B** $\blacksquare c2+$! 13. $\blacksquare h3$ $\blacksquare g4+$ 14. $\blacksquare fxg4+$ $\blacksquare g5$ 15. $\blacksquare d5$ $\blacksquare f6$ 16. $\blacksquare xd4+$ $\blacksquare e7=$ 3. $\blacksquare c5!!$ $\blacksquare xc5$ (3... $\blacksquare xf2$ 4. $\blacksquare xd3$ $\blacksquare xc5$ 5. $\blacksquare h3+$) 4. $\blacksquare g6+$! (4. $\blacksquare xf7?$ $\blacksquare xf2=$) $\blacksquare fxg6$ 5. $\blacksquare e6$ $\blacksquare d1+$ (5... $\blacksquare xf4$ 6. $\blacksquare g3+$) 6. $\blacksquare h2$ $\blacksquare g4$ 7. $\blacksquare g3+$ $\blacksquare h5$ 8. $\blacksquare d5+$ $\blacksquare f5$ 9. $\blacksquare f3+$ $\blacksquare g4$ 10. $\blacksquare h1!$ $\blacksquare g5$ 11. $\blacksquare f3$ $\blacksquare c8$ (11... $\blacksquare e6$ 12. $\blacksquare g4+$ $\blacksquare g6$ 13. $\blacksquare f5+$) 12. $\blacksquare f5!$ **A** (B $\blacksquare c5-$ 12... $\blacksquare c2+??$) $\blacksquare g4$ (12... $\blacksquare xf5$ 13. $\blacksquare g4+$) 13. $\blacksquare g2+$ $\blacksquare g5$ 14. $\blacksquare h4+$ $\blacksquare xf5$ 15. $\blacksquare xg4+$ 1-0

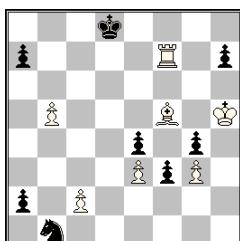
D036



+ (7+8)

1. $\blacksquare b7$ $\blacksquare xb7$ (1... $\blacksquare g5$ 2. $\blacksquare c3$ $\blacksquare xb7$ 3. $\blacksquare xb7+$) **2. $\blacksquare xb7$ $\blacksquare g5+$** (2... $\blacksquare h4$ 3. $\blacksquare d6$ $\blacksquare e1+$ 4. $\blacksquare d1$) **3. $\blacksquare c3$** (3. $\blacksquare d1$ $\blacksquare b4$ 4. $\blacksquare d6$ $\blacksquare c3+$) **$\blacksquare h4$** (3... $\blacksquare ed5$ 4. $\blacksquare c6$ 5. $\blacksquare xc4$ 6. $\blacksquare f3$ 7. $\blacksquare d6$ $\blacksquare f4$ 8. $\blacksquare d5+$) **4. $\blacksquare d6$** (4. $\blacksquare dx e6?$ $\blacksquare e1+$ 5. $\blacksquare xc4$ 6. $\blacksquare h5$ 7. $\blacksquare f6+$ $\blacksquare gxf6$ 8. $\blacksquare xd1$ $\blacksquare a3$ 9. $\blacksquare b3$ $\blacksquare b5=$) **$\blacksquare e1+$ 5. $\blacksquare xc4$ 6. $\blacksquare h5$ 7. $\blacksquare d1$**
Thematic try: 7. $\blacksquare h6+$? $\blacksquare gxf6$ 8. $\blacksquare xd1$ $\blacksquare e3+$ 9. $\blacksquare d3$ $\blacksquare xd1$ 10. $d7$ **B1** $\blacksquare h4=$
7. $\blacksquare f6+$! $\blacksquare gxf6$ 8. $\blacksquare xd1$ $\blacksquare e3+$ (8... $\blacksquare a3$ 9. $\blacksquare b3$ $\blacksquare b5$ 10. $d7$) **9. $\blacksquare d3$** $\blacksquare xd1$ 10. $d7$ **A1** $\blacksquare h4$ 11. $d8\blacksquare 1-0$
or 6... $\blacksquare a3+$ 7. $\blacksquare c5$ $\blacksquare d1$
Thematic try: 8. $\blacksquare f6+$? $\blacksquare gxf6$ 9. $\blacksquare xd1$ **B2** $\blacksquare fxe5$ 10. $d7$ $\blacksquare h4=$ 8. $\blacksquare h6+$! $\blacksquare gxf6$ 9. $\blacksquare xd1$ **A2** $\blacksquare f2+$ (9... $\blacksquare fe5??$) 10. $\blacksquare b4$ 1-0

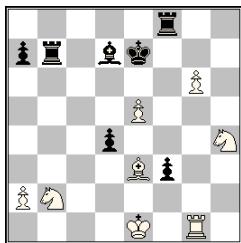
D037



+ (7+8)

1. $\blacksquare xa7?$ $f2 -+$
Thematic try: 1. $\blacksquare d7+$ $\blacksquare e8$ 2. $\blacksquare xa7$ $f2$ **B** $-+$
1. $\blacksquare b6!$ $\blacksquare axb6$ (1... $a1\blacksquare$ 2. $\blacksquare f8+$ $\blacksquare e7$ 3. $b7-$) **2. $\blacksquare d7+$ $\blacksquare e8$ 3. $\blacksquare a7$ $f2$ **A**** (3... $\blacksquare c3$ 4. $\blacksquare xg4+$) **4. $\blacksquare d7+$ $\blacksquare d8$ 5. $\blacksquare b5$ $\blacksquare c3$ 6. $\blacksquare f1$ $\blacksquare b5$ 7. $\blacksquare a3$ $\blacksquare e7$ 8. $\blacksquare xg4$ $\blacksquare d6$ 9. $\blacksquare h3$ $\blacksquare c5$ 10. $\blacksquare xc3+$ $\blacksquare b4$ 11. $\blacksquare b3+$ $\blacksquare a4$ 12. $\blacksquare xb5+$ $\blacksquare a5$ 13. $\blacksquare a3+$ $\blacksquare xb5$ 14. $\blacksquare g2$ 1-0**

D038



+ (8+7)

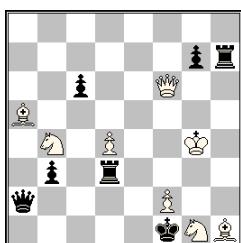
1.g7! ♜fb8! (1...f2+ 2. ♜xf2)

Thematic try: 2. ♜xd4? ♜xb2! (2... ♜f7? 3. ♜xf3 ♜g8 4. ♜h1 ♜e6 5. ♜h6 ♜xa2 6.e6 ♜xg7 7. ♜a4 +-) 3. ♜xb2 ♜xb2 4. ♜xf3 ♜b1+ 5. ♜f2 (5. ♜d2 ♜xg1 6. ♜xg1 ♜f7 7. ♜e2 ♜e6 (7... ♜xg7 8. ♜d4 (8. ♜f4) ♜f8 9. ♜c3 ♜e7 10. ♜c4 ♜c8 11.a3 ♜b7 12.a4 a6 13. ♜c5 ♜g2 14. ♜b6 ♜f1 15.a5 ♜d7 16. ♜c5 ♜h3 17. ♜e2 ♜e6 18. ♜f4 ♜a2 19. ♜d5 ♜b3 20. ♜b4 ♜e6 21. ♜d4 ♜d7 22. ♜xa6 ♜c6 23. ♜b4+ ♜b5 24.a6 ♜b6 25. ♜e4 ♜c4 26. ♜f5 ♜a7 27.e6) 8.a3 ♜xg7 9. ♜c3 a5 10. ♜d4 ♜f7 11. ♜c5 ♜e7 12. ♜d4 ♜h3 13. ♜b5 ♜d7 14. ♜xa5 ♜c7 15. ♜b4 ♜d7 16. ♜c5 ♜a4 17. e6 ♜c8 18. ♜f5 (18. ♜d6 ♜b7, 18. ♜c6) ♜d8 19. ♜d6 ♜e8 20. ♜e7 ♜f8 21. ♜d5 ♜b5 22.e7+ ♜g7 23. ♜c7) ♜xg1 6. ♜xg1 ♜f7 7. e6+! ♜xe6 8. ♜g5+ ♜xg7 9. ♜xe6+ ♜f6 10. ♜c7 ♜e5 **B** 11. ♜f2 ♜d4! 12. ♜e2 ♜c3 13. ♜e3 ♜b2=

2. ♜c1! ♜xb2! (2... ♜c7 3. ♜d3 ♜f7 4. ♜xf3 ♜g8 5. ♜xd4 ♜c4 6. ♜e3 ♜b1+ 7. ♜d2 ♜xg1 8. ♜xg1 ♜g4 9.e6 ♜xg7 10.e7 ♜h5 11. ♜b5 ♜f6 12. ♜c5 ♜e4 13. ♜c7+, 2... ♜g8 3. ♜xf3 ♜c8 4. ♜g2! ♜f5 5. ♜h6 ♜b6 6. ♜h2 ♜e6 7. ♜xd4 ♜xa2 8. ♜d3 ♜c4 9. ♜d2 ♜a6 10. ♜b4 ♜b6 11. ♜dc6 a5 12. ♜xa5 ♜xb4 13. ♜c3 +-, 2... ♜f7 3. ♜xf3 ♜g8 4. ♜d3 ♜b5 5. ♜f4 ♜xg7 6. ♜xg7+ ♜xg7 7. ♜xd4 ♜c4 8. a3 ♜e8 9. ♜f3)

3. ♜xb2 ♜xb2 (3...f2+ 4. ♜xf2 ♜xb2+ 5. ♜f3 +-) **4. ♜xf3** (4. g8 ♜+? ♜f8 5. ♜xf3 ♜b1+ 6. ♜d2 ♜xg1 7. ♜xg1 ♜xg8 =) **5. ♜b1+** (4... ♜e6 5.g8 ♜xg8 6. ♜xg8 ♜e6 7. ♜g6+ ♜f5 8. ♜f6+ ♜e4 9. e6) **5. ♜f2!** (5. ♜d2? ♜xg1 6. ♜xg1 ♜f7 7. ♜f3 ♜xg7 8. ♜xd4 ♜f7 =) **6. ♜xg1 ♜f7** (5... ♜b2+ 6. ♜g3 ♜f7 7. ♜f4 ♜g8 8. ♜xd4 ♜xa2 9.e6 +-) **6. ♜xg1 ♜f7** (6... ♜e6 7. ♜xd4 ♜g8 8. ♜f5+ ♜e6 9. ♜h6 +-) **7.e6+! ♜xe6** 8. ♜g5+ ♜xg7 **9. ♜xe6+ ♜f6** **10. ♜c7!** (10. ♜xd4? ♜e5 11. ♜e2 ♜e4! 12. ♜f1 ♜d3 13. ♜e1 ♜c2 =) **11. ♜f2** (or 11. ♜f1) **12. ♜b5+ ♜c5** **13. ♜a3 ♜b4** **14. ♜b1!** 1-0

D039

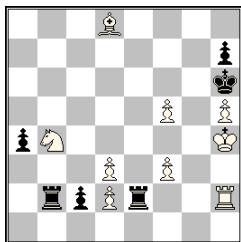


+ (8+7)

1. ♜f4!! (1. ♜f5? ♜xd4 2. ♜g3 ♜h5! 3. ♜f3 ♜g5 4. ♜h2 ♜xf2 5. ♜xf2

6. ♜h3 ♜e3 7. ♜xg5 ♜h4 8. ♜h3? ♜c4 =) **1. ♜h4+!** (1... ♜d2 2. ♜xd3 ♜xf4 3. ♜xf4 ♜xh1 4. ♜f3 ♜e2 5. ♜e4 +-; 1... ♜xh1 2. ♜c1 ♜g2 3. ♜xa2 ♜xd4 4.f4 ♜xg1 5. ♜xg1 ♜xg1 6. ♜b6 +-) **2. ♜xh4 ♜g5+!** **3. ♜xg5** (3. ♜xg5? ♜xa5 =) **3... ♜xf2+ 4. ♜h5 ♜h2+** (4... b2 5. ♜xd3 ♜h2 6. ♜h4 ♜xh4 7. ♜xh4 b1 ♜h8 8. ♜h3 +-; or 4... ♜f5 5. ♜g4 ♜e6 6. ♜f5 ♜xf5 7. ♜xf5 b2 [or 7... ♜xd4 8. ♜f3 b2 9. ♜xd4 b1 ♜h10. ♜e4 ♜h11. ♜bcx6 +-] 8. ♜e4 ♜xd4 9. ♜b1 +-) **5. ♜h4 ♜xh4+ 6. ♜xh4 ♜xd4+** Thematic try: 7. ♜g3? ♜xg1 8. ♜b6 ♜xh1 9. ♜xd4 c5! 10. ♜xc5 b2 11. ♜d3 b1 **B** = **7. ♜h3! ♜xg1** (7... c5 8. ♜b6 b2 [8... ♜xb4 9. ♜g2 ♜e1 10. ♜a5! +-] 9. ♜g2 ♜e1 10. ♜f3 ♜f2 11. ♜xc5 +- or 9... ♜f2 10. ♜xc5 b1 ♜h11. ♜xd4 +-) **8. ♜b6! ♜xh1** **9. ♜xd4 c5 10. ♜xc5 b2 11. ♜d3 b1** **A** (W ♜h3) **12. ♜f2 ♜g1** **13. ♜e4 ♜h1** **14. ♜g3#** (or 13... ♜f1 14. ♜d2 +-).

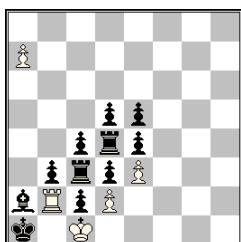
D040



+ (9+6)

1. $\mathbb{Q}g5+$ $\mathbb{Q}g7$ 2. $f6+$ $\mathbb{Q}f8$ 3. $\mathbb{Q}xe2$ $\mathbb{Q}xb4+$
Thematic try: 4. $f4!$? $\mathbb{Q}xf4+$ 5. $\mathbb{Q}xf4$ $c1\mathbb{Q}$ 6. $\mathbb{Q}h6+$ $\mathbb{Q}f7$ 7. $\mathbb{Q}e7+$ $\mathbb{Q}xf6$
8. $\mathbb{Q}g5+$ $\mathbb{Q}f5$ + **B**
4. $d4!$ $\mathbb{Q}xd4+$ 5. $f4!$ $\mathbb{Q}xf4+$ (5... $\mathbb{Q}d7$ 6. $\mathbb{Q}e1$ a3 7. $f5$ a2 8. $\mathbb{Q}a1$ $\mathbb{Q}f7$
(8... $\mathbb{Q}b7$ 9. $d4$ $\mathbb{Q}b1$ 10. $\mathbb{Q}h6+$! $\mathbb{Q}f7$ 11. $\mathbb{Q}xa2$ $\mathbb{Q}h1$ + 12. $\mathbb{Q}g4$ $\mathbb{Q}g1$ + 13. $\mathbb{Q}f3$
c1 \mathbb{Q} 14. $\mathbb{Q}xc1$ $\mathbb{Q}xc1$ 15. $\mathbb{Q}g4$ $\mathbb{Q}g1$ + 16. $\mathbb{Q}f4$ $\mathbb{Q}f1$ + 17. $\mathbb{Q}e5$ $\mathbb{Q}e1$ + 18. $\mathbb{Q}d6$
 $\mathbb{Q}xf6$ 19. $\mathbb{Q}a7$ $h6$ 20. $\mathbb{Q}h7$ $\mathbb{Q}xf5$ 21. $\mathbb{Q}xh6$ +) 9. $\mathbb{Q}g4$ $\mathbb{Q}b7$ 10. $\mathbb{Q}e3$ $\mathbb{Q}b3$
11. $\mathbb{Q}xa2$ $\mathbb{Q}xe3$ 12. $\mathbb{Q}xc2$ $\mathbb{Q}e4$ + 13. $\mathbb{Q}g5$ $h6$ + 14. $\mathbb{Q}xh6$ $\mathbb{Q}xf6$ 15. $\mathbb{Q}c6$ +!
EGTB; 5... $\mathbb{Q}d5$ 6. $\mathbb{Q}h6+$ $\mathbb{Q}f7$ 7. $\mathbb{Q}e7+$ $\mathbb{Q}xf6$ 8. $\mathbb{Q}c7$ $\mathbb{Q}xd2$ 9. $\mathbb{Q}g4$ $\mathbb{Q}g2$ +
10. $\mathbb{Q}f3$ $\mathbb{Q}h2$ 11. $\mathbb{Q}e4$ $\mathbb{Q}e2$ + 12. $\mathbb{Q}d3$ $\mathbb{Q}h2$ 13. $\mathbb{Q}g5$ +! (13. $\mathbb{Q}g7$? $\mathbb{Q}f5$)
14. $\mathbb{Q}c5$ + $\mathbb{Q}g4$ 15. $h6$ a3 16. $\mathbb{Q}xc2$ $\mathbb{Q}xc2$ 17. $\mathbb{Q}xc2$ $\mathbb{Q}xf4$ =) $\mathbb{Q}e1$ 14. $h6!$ $\mathbb{Q}d5$
15. $f5!$ a3 16. $\mathbb{Q}c1$ $\mathbb{Q}e5$ 17. $\mathbb{Q}xh7$ $\mathbb{Q}xf5$ 18. $\mathbb{Q}a7$ +]
6. $\mathbb{Q}xf4$ c1 \mathbb{Q} 7. $\mathbb{Q}h6+$ $\mathbb{Q}g8$ 8. $\mathbb{Q}e8+$ $\mathbb{Q}f7$ 9. $\mathbb{Q}e7+$ $\mathbb{Q}xf6$ 10. $\mathbb{Q}g5+$ $\mathbb{Q}f5$
A 11. $\mathbb{Q}e5$ +! $\mathbb{Q}xe5$ 12. d4+ $\mathbb{Q}xd4$ 13. $\mathbb{Q}xc1$ 1-0

D041

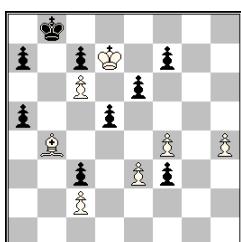


+ (5+11)

Thematic try: 1. $a8\mathbb{Q}$? **B** =

1. $a8\mathbb{Q}$! **A** $\mathbb{Q}b1$ 2. $\mathbb{Q}b6$ $\mathbb{Q}a2$ 3. $\mathbb{Q}d7$ $\mathbb{Q}b1$ 4. $\mathbb{Q}xe5$ $\mathbb{Q}a2$ 5. $\mathbb{Q}g4$ $\mathbb{Q}b1$
6. $\mathbb{Q}xd4$ $\mathbb{Q}a2$ 7. $\mathbb{Q}e3$ $\mathbb{Q}b1$ 8. $\mathbb{Q}xd5$ $\mathbb{Q}a2$ 9. $\mathbb{Q}e3$ $\mathbb{Q}b1$ 10. $d5$ $\mathbb{Q}a2$ 11. $d6$
 $\mathbb{Q}b1$ 12. $d7$ $\mathbb{Q}a2$ 13. $d8\mathbb{Q}$ $\mathbb{Q}b1$ 14. $\mathbb{Q}a5$ + $\mathbb{Q}a2$ 15. $\mathbb{Q}xa2$ + $\mathbb{Q}bxa2$
16. $\mathbb{Q}xc3$ #

D042



+ (7+9)

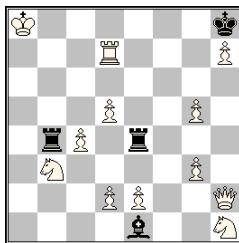
Thematic try I: 1. $\mathbb{Q}xa5?$ f2 2. $\mathbb{Q}xc7+$ $\mathbb{Q}a8$ 3. $\mathbb{Q}d6$ f1 \mathbb{Q} 4. c7 $\mathbb{Q}b5$ + 5. $\mathbb{Q}d8$
 $\mathbb{Q}b6$ (5... $\mathbb{Q}a5$? 6. $h5!$ $\mathbb{Q}b6$ 7. $\mathbb{Q}c5!$ $\mathbb{Q}a5$ 8. $h6!$ $\mathbb{Q}b7$ 9. $\mathbb{Q}d6$ $\mathbb{Q}c6$ 10. $\mathbb{Q}e7$
 $\mathbb{Q}a6$ 11. $h7$ +) 6. $\mathbb{Q}c5$!? **B1** (no $B \mathbb{Q}a5$) $\mathbb{Q}a5$!? 7. $\mathbb{Q}b4$ $\mathbb{Q}b6$ =

1. $\mathbb{Q}d6!$ f2 2. $\mathbb{Q}xc7+$ $\mathbb{Q}a8$

Thematic try II: 3. $\mathbb{Q}e5$? f1 \mathbb{Q} 4. c7 $\mathbb{Q}b5$ + 5. $\mathbb{Q}d8$ $\mathbb{Q}b6$ 6. $\mathbb{Q}d4$ **B2** ($W \mathbb{Q}d4$)
 $\mathbb{Q}d6$ +; 3. $\mathbb{Q}b8$? f1 \mathbb{Q} 4. c7 $\mathbb{Q}b5$ + 5. $\mathbb{Q}d8$ $\mathbb{Q}b6$! +
3. $\mathbb{Q}d6!$ f1 \mathbb{Q} 4. c7 $\mathbb{Q}b5$ + 5. $\mathbb{Q}d8$ $\mathbb{Q}b6$ 6. $\mathbb{Q}c5!$ **A** ($B \mathbb{Q}a5$ and $W \mathbb{Q}d4$ -
6... $\mathbb{Q}a5$?? or 6... $\mathbb{Q}d6$ +? 7. $\mathbb{Q}xd6$) $\mathbb{Q}xc5$ 7. $\mathbb{Q}c8$ \mathbb{Q} + $\mathbb{Q}xc8$ + 8. $\mathbb{Q}xc8$ a4 9. h5
a3 10. $h6$ a2 11. $h7$ a1 \mathbb{Q} 12. $h8\mathbb{Q}$ (13. $\mathbb{Q}c7$ #) $\mathbb{Q}a5$ 13. $\mathbb{Q}d7$ + $\mathbb{Q}b7$
14. $\mathbb{Q}c8$ + $\mathbb{Q}b6$ 15. $\mathbb{Q}c6$ #

Try 1 fails to arrival of the $B \mathbb{Q}$ (f) on the vacated square a5 (**B1**); try 2 fails to the wrong position of $W \mathbb{Q}$ which does not guard d6 (**B2**). In the solution there is switchbacks: on d6 by the $W \mathbb{Q}$ and on a5 by the promoted $B \mathbb{Q}$ (a); in the first try there is $W \mathbb{Q}$ roundtrip a5-c7-d6-b4

D043



1... $\mathbb{Q}e8+$ 2. $\mathbb{Q}a7 \mathbb{Q}f2+$

Thematic try: 3. $c5!$? $\mathbb{Q}xc5+ 4. \mathbb{Q}xc5 \mathbb{Q}a8+ 5. \mathbb{Q}xa8 \mathbb{Q}b8+ 6. \mathbb{Q}a7 \mathbb{Q}b7+ 7. \mathbb{Q}a6 \mathbb{Q}b6+ 8. \mathbb{Q}a5 \mathbb{Q}b5+ 9. \mathbb{Q}a4 \mathbb{Q}b4+ 10. \mathbb{Q}a3 \mathbb{Q}b3+ \text{B1} 11. \mathbb{Q}a2 \mathbb{Q}b2+ 12. \mathbb{Q}a1 \mathbb{Q}b1+$ perpetual check

3. $e3!$ $\mathbb{Q}xe3+$

Thematic try: 4. $dxe3!$? $\mathbb{Q}a8+ 5. \mathbb{Q}xa8 \mathbb{Q}b8+ 6. \mathbb{Q}a7 \mathbb{Q}b7+ 7. \mathbb{Q}a6 \mathbb{Q}b6+ 8. \mathbb{Q}a5 \mathbb{Q}b5+ 9. \mathbb{Q}a4 \mathbb{Q}b4+ 10. \mathbb{Q}a3 \mathbb{Q}xb3+ 11. \mathbb{Q}a2 \mathbb{Q}a3+ 12. \mathbb{Q}b1 \mathbb{Q}b3+ 13. \mathbb{Q}c1 \mathbb{Q}c3+ 14. \mathbb{Q}d1 \mathbb{Q}d3+ 15. \mathbb{Q}e1 \mathbb{Q}xe3+ 16. \mathbb{Q}f1 \mathbb{Q}f3+ 17. \mathbb{Q}g2 \mathbb{Q}xg3+ 18. \mathbb{Q}f1 \mathbb{Q}f3+ 19. \mathbb{Q}f2 \mathbb{Q}xf2+ 20. \mathbb{Q}e1 \mathbb{Q}e2+ 21. \mathbb{Q}d1 \mathbb{Q}d2+ 22. \mathbb{Q}c1 \mathbb{Q}c2+ 23. \mathbb{Q}b1 \mathbb{Q}c1+ 24. \mathbb{Q}a2 \mathbb{Q}c2+ 25. \mathbb{Q}a3 \mathbb{Q}c3+ 26. \mathbb{Q}a4 \mathbb{Q}xc4+ 27. \mathbb{Q}a5 \mathbb{Q}c5+ 28. \mathbb{Q}a6 \mathbb{Q}c6+ \text{B2} 29. \mathbb{Q}a7 \mathbb{Q}c7+ 30. \mathbb{Q}a8 \mathbb{Q}c8+$ perpetual check !]

4. $d4!$ $\mathbb{Q}xd4+$

Thematic try: 5. $\mathbb{Q}xd4!$? $\mathbb{Q}a8+ 6. \mathbb{Q}xa8 \mathbb{Q}b8+ 7. \mathbb{Q}a7 \mathbb{Q}b7+ 8. \mathbb{Q}a6 \mathbb{Q}b6+ 9. \mathbb{Q}a5 \mathbb{Q}b5+ 10. \mathbb{Q}a4 \mathbb{Q}b4+ 11. \mathbb{Q}a3 \mathbb{Q}b3+ \text{B3} 12. \mathbb{Q}a2 \mathbb{Q}b2+ 13. \mathbb{Q}xb2$ stalemate

5. $c5!$ $\mathbb{Q}xc5+ 6. \mathbb{Q}xc5 \mathbb{Q}a8+ 7. \mathbb{Q}xa8 \mathbb{Q}b8+ 8. \mathbb{Q}a7 \mathbb{Q}b7+ 9. \mathbb{Q}a6 \mathbb{Q}b6+ 10. \mathbb{Q}a5 \mathbb{Q}b5+ 11. \mathbb{Q}a4 \mathbb{Q}b4+ 12. \mathbb{Q}a3 \mathbb{Q}b3+ \text{A1/A3} 13. \mathbb{Q}a2 \mathbb{Q}a3+ 14. \mathbb{Q}b1 \mathbb{Q}b3+ 15. \mathbb{Q}c1 \mathbb{Q}c3+ 16. \mathbb{Q}d1 \mathbb{Q}d3+ 17. \mathbb{Q}e1 \mathbb{Q}e3+ 18. \mathbb{Q}f1 \mathbb{Q}f3+$

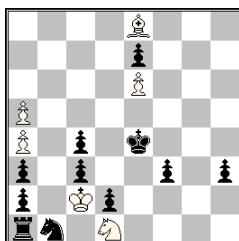
Thematic try: 19. $\mathbb{Q}f2!$? $\mathbb{Q}xf2+ 20. \mathbb{Q}e1 \mathbb{Q}e2+ 21. \mathbb{Q}d1 \mathbb{Q}d2+ 22. \mathbb{Q}c1 \mathbb{Q}c2+ 23. \mathbb{Q}b1 \mathbb{Q}c1+ 24. \mathbb{Q}a2 \mathbb{Q}c2+ 25. \mathbb{Q}a3 \mathbb{Q}c3+ 26. \mathbb{Q}b2 \mathbb{Q}xb3+ 27. \mathbb{Q}a4 \mathbb{Q}b4+ 28. \mathbb{Q}a5 \mathbb{Q}b5+ 29. \mathbb{Q}a6 \mathbb{Q}b6+ \text{B4} 30. \mathbb{Q}a7 \mathbb{Q}b7+ 31. \mathbb{Q}a8 \mathbb{Q}b8+$ perpetual check

19. $\mathbb{Q}g2!$ $\mathbb{Q}xg3+$ (19... $\mathbb{Q}f2+ 20. \mathbb{Q}e1 \mathbb{Q}e2+ 21. \mathbb{Q}g4 \mathbb{Q}h4+ 22. \mathbb{Q}f5 \mathbb{Q}f4+ 23. \mathbb{Q}e6 \mathbb{Q}f6+ 24. \mathbb{Q}e7+)$

20. $\mathbb{Q}f1 \mathbb{Q}f3+ 21. \mathbb{Q}f2!! \mathbb{Q}xf2+ 22. \mathbb{Q}e1 \mathbb{Q}e2+ 23. \mathbb{Q}d1 \mathbb{Q}d2+ 24. \mathbb{Q}c1 \mathbb{Q}c2+ 25. \mathbb{Q}b1 \mathbb{Q}c1+ 26. \mathbb{Q}a2 \mathbb{Q}c2+ 27. \mathbb{Q}a3 \mathbb{Q}c3+ 28. \mathbb{Q}b3!! \mathbb{Q}xb3+ 29. \mathbb{Q}a4 \mathbb{Q}b4+ 30. \mathbb{Q}a5 \mathbb{Q}b5+ 31. \mathbb{Q}a6 \mathbb{Q}b6+ \text{A2/A4} 32. \mathbb{Q}a7 \mathbb{Q}b7+ 33. \mathbb{Q}a8 \mathbb{Q}a7+ 34. \mathbb{Q}b8 \mathbb{Q}b7+ 35. \mathbb{Q}c8 \mathbb{Q}c7+ 36. \mathbb{Q}d8 \mathbb{Q}c8+ 37. \mathbb{Q}e7$

1-0

D044



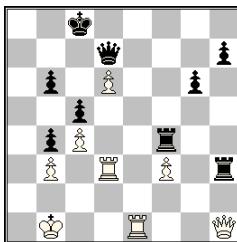
1. $\mathbb{Q}c6 + \mathbb{Q}f4$ 2. $\mathbb{Q}xf3 \mathbb{Q}xf3$ 3. $a6 h2$ 4. $a7 h1\mathbb{W}$

Thematic try: 5. $a8\mathbb{W} +?$ **B1** $\mathbb{Q}e2$ 6. $\mathbb{Q}xh1!?$ **B2** stalemate, 6. $\mathbb{Q}~?$ Black mates

5. $a8\mathbb{Q} +!$ **A1** (W \mathbb{Q} , not W \mathbb{W} - Phoenix theme) $\mathbb{Q}e2$ 6. $\mathbb{Q}xh1$ **A2** (no stalemate) ~ 7. $a5$ 1-0

+ (6+11)

D045

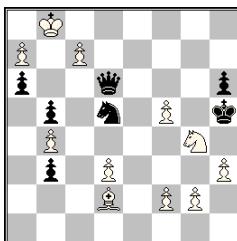


+

(8+9)

1. $\mathbb{Q}g2!$ $\mathbb{R}hxf3$ (1... $\mathbb{R}fh4$ 2. $f4!!$ [~ 3. $\mathbb{Q}a8\#$] $\mathbb{Q}b8!$ 3. $\mathbb{R}xh3$ $\mathbb{R}xh3$ 4. $\mathbb{Q}e7$ $\mathbb{R}xb3+$ 5. $\mathbb{Q}c1!$ $\mathbb{R}c3+$ 6. $\mathbb{Q}b2! +$)
Thematic try: 2. $\mathbb{Q}a1?$ $\mathbb{B}d8!$ 3. $\mathbb{R}xf3$ $\mathbb{Q}f6+$
2. $\mathbb{Q}c1!!$ **A**
(2. $\mathbb{R}xf3?$ $\mathbb{Q}f5+!$ double attack 3. $\mathbb{Q}a2$ $\mathbb{R}xf3 =$ 4. $\mathbb{Q}f1!$ $\mathbb{R}xf1$ 5. $\mathbb{Q}c6+$ $\mathbb{Q}b8$
6. $\mathbb{Q}xb6+$ $\mathbb{Q}a8$ = perpetual check) $\mathbb{R}e4$ 3. $\mathbb{R}ee3$ $\mathbb{R}exe3$ 4. $\mathbb{R}xe3$ $\mathbb{Q}g7$
5. $\mathbb{R}xf3$ $\mathbb{Q}a1+$ 6. $\mathbb{Q}c2$ wins (or 3... $\mathbb{R}fxe3$ 4. $\mathbb{R}xe3$ $\mathbb{Q}g4$ (4... $\mathbb{R}xe3$
5. $\mathbb{Q}a8\#$) 5. $\mathbb{R}xe4$ wins)

D046



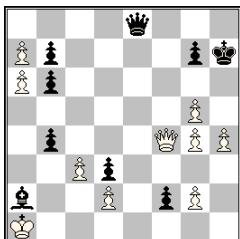
+

(11+7)

1. $\mathbb{Q}f6+!$ $\mathbb{Q}xf6$ (1... $\mathbb{R}xf6$ 2. $a8\mathbb{Q}$ $\mathbb{R}b6+$ 3. $\mathbb{R}b7$ $\mathbb{R}xb7+$ 4. $\mathbb{Q}xb7+$ –) **2.a8** $\mathbb{Q}d7$ + **3.Qc8!** (W \mathbb{Q} must avoid b7: 3. $\mathbb{Q}b7?$ $\mathbb{R}d5+$ 4. $\mathbb{Q}a7$ $\mathbb{R}d4+$ 5. $\mathbb{Q}b7$ $\mathbb{R}d5+$ positional draw) **4.Qb7** $\mathbb{R}xc7+$ (4... $\mathbb{R}d5+$ 5. $\mathbb{Q}xb6$ $\mathbb{R}xa8$ 6. $\mathbb{Q}f4!$ $\mathbb{R}xg2$ 7. $c8\mathbb{Q}$ $\mathbb{R}xd2$ 8. $f6$ wins, or 6... $b2$ 7. $\mathbb{Q}e1!$ $\mathbb{R}xg2$ 8. $c8\mathbb{Q}$ $\mathbb{R}g1+$ 9. $d4!$ $\mathbb{R}xe1$ ($\mathbb{R}xd4+$; $\mathbb{Q}a5$) 10. $f6$ wins) **5.Qxc7** $\mathbb{R}xa8+$
Thematic try I: 6. $\mathbb{Q}b7?$ $b2$ 7. $\mathbb{Q}c3$ $b1\mathbb{Q}$ 8. $\mathbb{Q}f6$ $\mathbb{R}h1!!$ **B1** (W \mathbb{Q} b7 and pin of W \mathbb{Q} g2, Black wins)
6. $\mathbb{Q}b8!!$ $b2$ 7. $\mathbb{Q}c3$ $b1\mathbb{Q}$ 8. $\mathbb{Q}f6!$, and now $\mathbb{R}h1$ **A1** (W \mathbb{Q} b8 so wPg2 is not pinned) **9.g4#**, or 8... $\mathbb{R}xb4$ 9. $\mathbb{Q}b7!!$ Now Black cannot play $\mathbb{R}h1$ (9. $g4+?$ $\mathbb{R}xg4$ 10. $hxg4+$ $\mathbb{Q}xg4$ 11. $\mathbb{Q}g7$ $\mathbb{Q}g5$ ($\mathbb{Q}xf5$) = – with W \mathbb{Q} b8 the B \mathbb{Q} escapes) $\mathbb{R}f4$ (B \mathbb{Q} must prevent 10. $g4\#$) **10.g4+** (10. $\mathbb{Q}d8?$ $\mathbb{Q}g5!$ 11. $g4+$ $\mathbb{Q}h4$ 12. $\mathbb{Q}xg5+$ $\mathbb{Q}xg5$ 13. $h4+$ $\mathbb{Q}f6$ –) $\mathbb{R}xg4$ 11. $hxg4+$ $\mathbb{Q}xg4$
12.Qg7! $\mathbb{Q}g5$ (after 9. $\mathbb{Q}b7$ the B \mathbb{Q} cannot escape) **13.d4** (13. $\mathbb{Q}xa8?$ $h5$ 14. $d4$ $h4$ 15. $d5$ $h3$ 16. $\mathbb{Q}e5$ $\mathbb{Q}xf5$ 17. $\mathbb{Q}g3$ $b4$ 18. $d6$ $\mathbb{Q}e6$ 19. $\mathbb{Q}b8$ $\mathbb{Q}d7!$ –) $\mathbb{Q}xf5$ (13... $h5$ 14. $d5$ $\mathbb{Q}xf5$ 15. $\mathbb{Q}xa8$ $h4$ main line) **14.d5 h5 15.Qxa8** (15. $d6?$ $\mathbb{Q}e6$ 16. $\mathbb{Q}c6$ $\mathbb{Q}b6!$ 17. $f4$ $h4$ 18. $f5+$ $\mathbb{Q}xf5$ 19. $\mathbb{Q}xb6$ $h3$ 20. $d7$ $h2$ 21. $d8\mathbb{Q}$ $h1\mathbb{Q}$ 22. $\mathbb{Q}f6+$ $\mathbb{Q}g4!=$ **EGTB**) **h4**
Thematic try II: 16. $\mathbb{Q}b7?$ $h3$ 17. $d6$ $h2$ 18. $d7$ $h1\mathbb{Q}$ + **B2** (W \mathbb{Q} b7, so Black promotes with check and wins)
16. $\mathbb{Q}b8!!$ Again W \mathbb{Q} avoids b7! **h3** 17. $d6$ $h2$ 18. $d7$ $h1\mathbb{Q}$ 19. $d8\mathbb{Q}$ **A2** (W \mathbb{Q} b8 - promotion without check) $\mathbb{R}h2+$ 20. $\mathbb{Q}c8!$ (Again W \mathbb{Q} avoids b7! – 20. $\mathbb{Q}b7?$ $\mathbb{Q}g2+ =$) $\mathbb{R}xf2$ (20... $\mathbb{R}f4$ 21. $\mathbb{Q}d4$) 21. $\mathbb{Q}f6(8)+$ $\mathbb{Q}e4$
22.Qxf2 wins, or 17... $\mathbb{Q}e6$ 18. $\mathbb{Q}c7$ $h2$ 19. $d7$ $h1\mathbb{Q}$ 20. $d8\mathbb{Q}$ $\mathbb{R}h2+$
21.Qc8! $\mathbb{R}xf2$ 22. $\mathbb{Q}d7\#$ midboard model mate.

Thematic foresight is shown twice. The first time is 4. $\mathbb{Q}b8!!$ (4. $\mathbb{Q}b7?$ and then B \mathbb{Q} pins W \mathbb{Q} g2 from h1). The second time with echoing moves is: 16. $\mathbb{Q}b8!$ (17. $\mathbb{Q}b7?$, and Black promotes with check on h1). W \mathbb{Q} must also avoid b7 in the introduction (3. $\mathbb{Q}c8!$) and the final (20. $\mathbb{Q}c8!$). Further features are 9. $\mathbb{Q}b7!!$ instead of quickly winning B \mathbb{Q} after which B \mathbb{Q} escapes from the corner, and the final midboard model mate

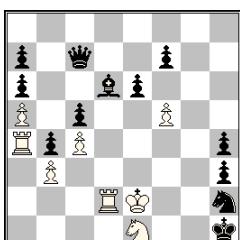
D047



+ (10+9)

1.g6+ (1.axb7 $\mathbb{Q}e1$ 2. $\mathbb{Q}xa2 f1\mathbb{Q}$ 3. $\mathbb{Q}xf1 \mathbb{Q}xd2+$ 4. $\mathbb{Q}b3 \mathbb{Q}xc3+$ 5. $\mathbb{Q}a4 \mathbb{Q}c6+$ 6. $\mathbb{Q}xb4 \mathbb{Q}c5+$ 7. $\mathbb{Q}b3 \mathbb{Q}c2+$ with perpetual check) **Qh8**
 (1... $\mathbb{Q}xg6$ 2.a8 \mathbb{Q} , 1... $\mathbb{Q}xg6$ 2.a8 \mathbb{Q}) **2.axb7** (2.a8 \mathbb{Q} $\mathbb{Q}xa8$ 3. $\mathbb{Q}xa2 \mathbb{Q}xc3$) **Qg8!**
 Thematic try: 3.a8 \mathbb{Q} $\mathbb{Q}e1+$ 4. $\mathbb{Q}b2 \mathbb{Q}bc3+$ 5. $\mathbb{Q}xc3 \mathbb{Q}c1+$ 6. $\mathbb{Q}d4 \mathbb{Q}c4+$ 7. $\mathbb{Q}e3 \mathbb{Q}xf4+$ 8. $\mathbb{Q}xf4 f1\mathbb{Q}+$ 9. $\mathbb{Q}g5 \mathbb{Q}f6+$ 10. $\mathbb{Q}h5 \mathbb{Q}e5+$ 11.g5 $\mathbb{Q}e2+$ 12.g4 $\mathbb{Q}e5$ (12... $\mathbb{Q}f3?$ 13.b8 $\mathbb{Q}!!$ wins as in the main line) 13.b8 \mathbb{Q} $\mathbb{Q}xb8$ 14. $\mathbb{Q}xb8 b5$ 15. $\mathbb{Q}xb5 \mathbb{Q}a2$ 16. $\mathbb{Q}xd3 \mathbb{Q}g8$ 17. $\mathbb{Q}d6 \mathbb{Q}b3$ 18.d4 $\mathbb{Q}a2$ 19.d5 $\mathbb{Q}xd5$ 20. $\mathbb{Q}xd5$ **B** stalemate
3.a8 $\mathbb{Q}!!$ $\mathbb{Q}e1+$ 4. $\mathbb{Q}b2 \mathbb{Q}bc3+$ 5. $\mathbb{Q}xc3 \mathbb{Q}c1+$ 6. $\mathbb{Q}d4 \mathbb{Q}c4+$ 7. $\mathbb{Q}e3$ $\mathbb{Q}xf4+$ 8. $\mathbb{Q}xf4 f1\mathbb{Q}+$ 9. $\mathbb{Q}g5 \mathbb{Q}f6+$ 10. $\mathbb{Q}h5 \mathbb{Q}e5+$ 11.g5 $\mathbb{Q}e2+$ 12.g4 $\mathbb{Q}f3!$ 13.b8 $\mathbb{Q}!!$ (13.b8 $\mathbb{Q}?$ $\mathbb{Q}xa8!$ 14. $\mathbb{Q}xa8 b5$ draws as in the thematic try) $\mathbb{Q}xa8$ (13... $\mathbb{Q}d5$ 14. $\mathbb{Q}d8 \mathbb{Q}b3$ 15. $\mathbb{Q}d4 b5$ 16. $\mathbb{Q}ad8 \mathbb{Q}a2$ 17. $\mathbb{Q}xd3 \mathbb{Q}a5$ 18. $\mathbb{Q}e8 b4$ 19. $\mathbb{Q}dd8 \mathbb{Q}a2$ 20.d4 $\mathbb{Q}c4$ 21.d5) **14.Qxa8 b5** 15. $\mathbb{Q}b8 b4$ 16. $\mathbb{Q}xb4 \mathbb{Q}a2$ 17. $\mathbb{Q}d4 \mathbb{Q}b3$ 18. $\mathbb{Q}xd3 \mathbb{Q}e6$ 19. $\mathbb{Q}d6 \mathbb{Q}g8$ 20.d4 $\mathbb{Q}a2$ 21.d5 $\mathbb{Q}xd5$ 22. $\mathbb{Q}xd5$ **A** 1-0 Same position as in the thematic try, but with a rook instead of a queen there is no stalemate

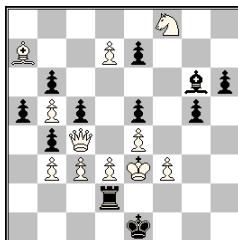
D048



+ (8+12)

1.Qa1 Qf1! 2.Qxf1 Qe5 3.Qad1! Qh2! 4.Qf3 Qg1 5.Qg2!
 (5.Qh2? Qxh2 6.Qxh2 Qxh2 7.Qd2+ Qh1 8.Qd3 Qh2 =) **hxg2+**
6.Qe2 Qh2 7.f6! (7.fxe6? fxe6 8.Qe1, e.g. h3 9.Qd1 e5 10.Qd3 e4+ 11.Qxe4 Qe5+ 12.Qxe5 h2 draws) **h3**
 Thematic try: 8.Qc1? e5 9.Qd3 e4+ 10.Qxe4 Qf4+! 11.Qxf4 h2 12.Qxh2 Qxh2 13.Qf3 Qd4 14.Qc2 Qf2! **B** (W Qc2) 15.Qxf2 Qh1 16.Qxg2 stalemate
8.Qe1! e5 9.Qd3 e4+ 10.Qxe4 Qf4+ (10...Qe5+ 11.Qxe5 h2 12.Qg6! +-) 11.Qxf4 h2 12.Qxh2 Qxh2 13.Qf3 Qd4 14.Qe2 Qf2 **A** (W Qe2) 15.Qe8! Qh4 16.Qh8 Qh3 17.Qg8 1-0

D049



+

(11+11)

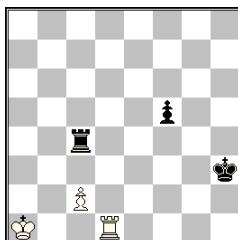
1.d4 cxd4+ (1...exd4+ 2.♕xd4 cxd4+ 3.cxd4 etc.)

Thematic try: 2.cxd4? exd4+ 3.♕xd4 ♜e2+ 4.♔d3 ♜d2+ 5.♔c4 ♜f7+ 6.♕d5 (6.♘e6 ♜xe6+ 7.♕d5 ♜xd7 =) e5 **B** - with W ♜d5 e.p. capture is impossible - 7.♕xf7 ♜d4#

2.♕xd4! exd4+ 3.cxd4 ♜e2+ 4.♔d3 ♜d2+ 5.♔c4 ♜f7+ 6.d5 e5 A

(with W ♜d5 e.p. capture is possible) **7.dxe6 e.p. ♜xd7** (7...♜g8 8.♗xb6) **8.♗xb6 1-0** (8.exf7? ♜xf7)

D050



=

(3+3)

1.♔b2 f4 2.♔b3 ♜e4! 3.♔c3! f3 4.♔d3! ♜e8! 5.♔h1+! ♜g2

Thematic try I: 6.♖h7? ♜f8! 7.♖g7+ ♔f1! 8.♔d2 f2 9.c4 ♜f4! 10.c5 ♜f5! 11.c6 **B1** ♜d5+ -- White loses his pawn and the resulting rook ending is lost

Thematic try II: 6.♖h5? ♜f8! 7.♖g5+ ♔h3 8.♖h5+ ♔g4 9.♖h1 **B2** f2 10.♔e2 ♔g3 -- And white will be short of a single tempo to advance his own pawn after giving away his rook for the black pawn

6.♖h6!! ♜f8! 7.♖g6+ with two thematic main lines:

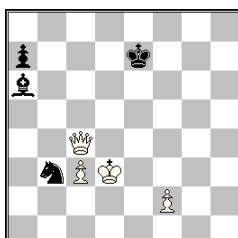
7...♔f1! 8.♔d2 (or 8.♔d2) ♜f4 10.c5 ♜f5 11.c6 **A1**

1/2 white pawn now protected compared to the first thematic try!

7...♔h3 8.♖h6+ ♔g3 9.♖g6+ ♔h3 10.♖h6+ ♔g4 11.♖g6+ ♔h4

12.♖h6+ ♔g5 13.♖h1 **A2** ♜f4 14.c4! ♜d8+ 15.♔c3 1/2 White now has the vital extra tempo compared to the second thematic try!

D051



=

(4+4)

Tries: 1.f3? ♔d7 (1...♝xc4+ 2.♔xc4 and White gets the pawn, draw)

2.f4 (White has lost a tempo, so Black wins) ♜xc4+ (the B♝ is now on d7, close to the pawn, so this variation works for Black) 3.♔xc4 ♜d2+!

4.♔b5 ♜c7(8) 5.c4 ♜b7 6.c5 a6!=! 7.♔a5 ♜b3+ 8.♔b4 ♜d4! 9.♔c4 ♜f5! 10.♔b4 ♜e7 11.♔c4/♔a5 ♜c6/ ♜c6+ winning for Black

1.♕xa6? (too soon) ♜c5+ 2.♔c4 ♜xa6 (this variation is a struggle of tempi and an unusual distant opposition between B♝ and W ♜f2)

3.♔b5 ♜c7+! 4.♔c6 ♜e8! (4...♝d8 5.f4 =) 5.f3 ♜e7! 6.f4 ♜d8 7.f5

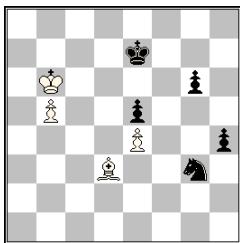
♝e8! 8.c4 ♜c8! (8...♝e7 9.f6!=! ♜(♝)xf6 10.♝b5!=) 9.c5 ♜d8! 10.♔b5 ♜c7+! ♜c4/ ♜c6 11.♔d7/a5! winning for Black

1.f4! ♜e8 2.f5 ♜d7 3.f6 ♜d8 4.♕xa6! (just now! 4.f7? ♜e7 5.♕xa6

♝c5+ 6.♔c4 ♜xa6 7.♔b5 ♜b8! 8.c4 ♜xf7 win) ♜c5+ 5.♔c4 ♜xa6

6.♔b5 (with W ♜f6, neither ♜c7 nor ♜b8 works) ♜b8 7.c4 1/2

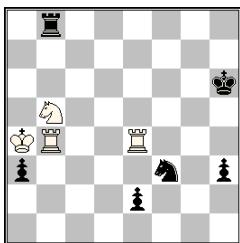
D052



= (4+5)

Thematic tries: 1. $\mathbb{Q}c7?$ **B1** h3 2. b6 h2 3. b7 h1 \mathbb{Q} 4. b8 **B2** $\mathbb{Q}c1+$ 5. $\mathbb{Q}b6$ $\mathbb{Q}e3+$ 6. $\mathbb{Q}a5$ $\mathbb{Q}xd3+$
 1. $\mathbb{Q}a6?$ **C1** h3 2. b6 h2 3. b7 h1 \mathbb{Q} 4. b8 **C2** $\mathbb{Q}a1+$ 5. $\mathbb{Q}b6$ $\mathbb{Q}d4+$ 6. $\mathbb{Q}a5$ $\mathbb{Q}xd3+$
 1. $\mathbb{Q}a5?$ **D1** h3 2. b6 h2 3. b7 h1 \mathbb{Q} 4. b8 **D2** $\mathbb{Q}a1+$ 5. $\mathbb{Q}b6$ $\mathbb{Q}d4+$ 6. $\mathbb{Q}a5$ $\mathbb{Q}xd3+$
 1. $\mathbb{Q}c5?$ **E1** h3 2. b6 h2 3. b7 h1 \mathbb{Q} 4. b8 **E2** $\mathbb{Q}xe4+$ 5. $\mathbb{Q}xe4+$
 1. $\mathbb{Q}a7?$ **F1** h3 2. b6 h2 3. b7 h1 \mathbb{Q} 4. b8 **F2** $\mathbb{Q}a1+$ 5. $\mathbb{Q}a6$ $\mathbb{Q}d4+$
 1. $\mathbb{Q}c6!$ **A1** Precise key. W \mathbb{Q} makes W \mathbb{Q} ready to march for promotion
d8 (...h3 2. b6 h2 3. b7 h1 \mathbb{Q} **A2** 4. b8 $\mathbb{Q}c1+$ 5. $\mathbb{Q}d5!$ (W \mathbb{Q} avoids check by B \mathbb{Q}) $\mathbb{Q}f4/ \mathbb{Q}a1/ \mathbb{Q}g5$ 6. $\mathbb{Q}xe5+=$ 2. $\mathbb{Q}c4!$ $\mathbb{Q}xe4$ 3. **b6** (3. $\mathbb{Q}e6?$ $\mathbb{Q}e7$ 4. $\mathbb{Q}d5$ $\mathbb{Q}c3+$ 5. $\mathbb{Q}xe5$ $\mathbb{Q}xb5+$ -) **c8** 4. $\mathbb{Q}d5$ $\mathbb{Q}d2$ 5. $\mathbb{Q}e2$ $\mathbb{Q}b7$
 6. $\mathbb{Q}g4!$ (Domination W \mathbb{Q} vs. B \mathbb{Q}) **e4** 7. $\mathbb{Q}d4$ $\mathbb{Q}xb6$ 8. $\mathbb{Q}e3$ $\mathbb{Q}c5$
 9. $\mathbb{Q}xd2$ $\mathbb{Q}d4$ 10. $\mathbb{Q}e2$ 1/2

D053



= (4+6)

Thematic try: 1. $\mathbb{Q}xe2?$ $\mathbb{Q}a8+/a2$ 2. $\mathbb{Q}a7?!$ (2. $\mathbb{Q}b3$ a2 3. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 4. $\mathbb{Q}xa2$ h2 5. $\mathbb{Q}b1$ $\mathbb{Q}g1$ 6. $\mathbb{Q}d4$ h1 \mathbb{Q} -+ **B2**, B $\mathbb{Q}h6$) $\mathbb{Q}xa7+$ 3. $\mathbb{Q}b3$ a2 4. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 5. $\mathbb{Q}xa2$ h2 6. $\mathbb{Q}b1$ $\mathbb{Q}g1$ **B1** (B $\mathbb{Q}h6$) 7. $\mathbb{Q}b8$ $\mathbb{Q}g7/\mathbb{Q}h7$ 8. $\mathbb{Q}b7+$ $\mathbb{Q}g6$ 9. $\mathbb{Q}b6+$ $\mathbb{Q}g5$ 10. $\mathbb{Q}b5+$ $\mathbb{Q}g4$ 11. $\mathbb{Q}b4+$ $\mathbb{Q}g3$ 12. $\mathbb{Q}b3+$ $\mathbb{Q}f2$ 13. $\mathbb{Q}b2+$ $\mathbb{Q}e2$ 14. $\mathbb{Q}b1$ $\mathbb{Q}c3+$ -+]
 1. $\mathbb{Q}e6+!$
 1... $\mathbb{Q}h5$ 2. $\mathbb{Q}xe2$ $\mathbb{Q}a8+$
Thematic try: 3. $\mathbb{Q}b3?$ a2 4. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 5. $\mathbb{Q}xa2$ h2 6. $\mathbb{Q}b1$ $\mathbb{Q}g1$ **B3** (W $\mathbb{Q}b5$) 7. $\mathbb{Q}d4$ h1 \mathbb{Q} -+ **B4** (B $\mathbb{Q}h5$)
 3. $\mathbb{Q}a7!!$ $\mathbb{Q}xa7+$ 4. $\mathbb{Q}b3$ a2 5. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 6. $\mathbb{Q}xa2$ h2 7. $\mathbb{Q}b1!$ (7. $\mathbb{Q}b8?$ $\mathbb{Q}g4$) 8. $\mathbb{Q}h8$ $\mathbb{Q}h4+$ $\mathbb{Q}g1$ **A1/A3/A5** 8. $\mathbb{Q}b8!$ $\mathbb{Q}g4$ (8... $\mathbb{Q}g6$ 9. $\mathbb{Q}h8=$)
 9. $\mathbb{Q}g8+$ 1/2 (9. $\mathbb{Q}h8?$ $\mathbb{Q}h3+$ -)

1... $\mathbb{Q}g5$ 2. $\mathbb{Q}xe2$ $\mathbb{Q}a8+$

Thematic try: 3. $\mathbb{Q}a7?$ $\mathbb{Q}xa7+$ 4. $\mathbb{Q}b3$ a2 5. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 6. $\mathbb{Q}xa2$ h2 7. $\mathbb{Q}b1$ $\mathbb{Q}g1+$ **B5** (B $\mathbb{Q}g5$)

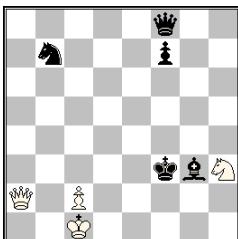
3. $\mathbb{Q}b3!$ a2 4. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 5. $\mathbb{Q}xa2$ (5. $\mathbb{Q}d4?$ $\mathbb{Q}f2!+$ -) **h2** 6. $\mathbb{Q}b1$ $\mathbb{Q}g1$ 7. $\mathbb{Q}d4!$ $\mathbb{Q}h1$ **A2/A4** 8. $\mathbb{Q}xg1+$ $\mathbb{Q}xg1$ 9. $\mathbb{Q}f3+$ 1/2

1... $\mathbb{Q}h7$

Thematic try: 2. $\mathbb{Q}xe2?$ $\mathbb{Q}a8+/a2$ 3. $\mathbb{Q}b3$ a2 4. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 5. $\mathbb{Q}d4$ $\mathbb{Q}f2!$ 6. $\mathbb{Q}xf3$ $\mathbb{Q}xf3+$ 7. $\mathbb{Q}c2$ **B6** (B $\mathbb{Q}h7$) $\mathbb{Q}g6/\mathbb{Q}h6-$

2. $\mathbb{Q}e7+!$ $\mathbb{Q}h8$ 3. $\mathbb{Q}xe2$ $\mathbb{Q}a8+$ 4. $\mathbb{Q}b3$ a2 5. $\mathbb{Q}xa2$ $\mathbb{Q}xa2$ 6. $\mathbb{Q}d4!$ $\mathbb{Q}f2$ (6... $\mathbb{Q}h2$ 7. $\mathbb{Q}xf3$ $\mathbb{Q}h1$ 8. $\mathbb{Q}h4+$ $\mathbb{Q}xh4$ 9. $\mathbb{Q}xh4=$)
 7. $\mathbb{Q}xf3$ $\mathbb{Q}xf3+$ 8. $\mathbb{Q}c2!$ 1/2 **A6**

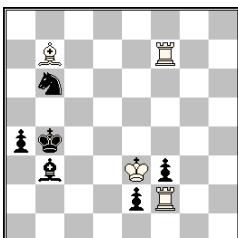
D054



= (4+5)

1. $\mathbb{Q}g5+!$ (1. $\mathbb{Q}xf7+?$ $\mathbb{Q}xf7$ 2. $\mathbb{Q}g5+$ $\mathbb{Q}g4$ 3. $\mathbb{Q}xf7$ $\mathbb{Q}f5-+$) $\mathbb{Q}g4$ 2. $\mathbb{Q}xf7$ $\mathbb{Q}f4+$ 3. $\mathbb{Q}d1!$ (3. $\mathbb{Q}b2?$ $\mathbb{Q}b4+$ 4. $\mathbb{Q}b3$ $\mathbb{Q}xb3+$ 5. $\mathbb{Q}xb3$ $\mathbb{Q}f5-+$) $\mathbb{Q}b4!$
 4. $\mathbb{Q}e6+!$ (4. $c3?$ $\mathbb{Q}xc3!$ 5. $\mathbb{Q}e5+!$ (5. $\mathbb{Q}g2+$ $\mathbb{Q}f5$ 6. $\mathbb{Q}d5+$ $\mathbb{Q}f6$ 7. $\mathbb{Q}d8$ $\mathbb{Q}c1+$ 8. $\mathbb{Q}e2$ $\mathbb{Q}e3+$ 9. $\mathbb{Q}d1$ $\mathbb{Q}d6$ 10. $\mathbb{Q}c2$ $\mathbb{Q}c1+$ 11. $\mathbb{Q}b3$ $\mathbb{Q}b1+$ 12. $\mathbb{Q}a4$ $\mathbb{Q}c2+$ 13. $\mathbb{Q}b3$ $\mathbb{Q}c8$ 14. $\mathbb{Q}b6$ $\mathbb{Q}c1$ 15. $\mathbb{Q}d4+$ $\mathbb{Q}e7+)$ $\mathbb{Q}h3!$ 6. $\mathbb{Q}e6+$ $\mathbb{Q}h2$ 7. $\mathbb{Q}a2+$ $\mathbb{Q}g1!$ 8. $\mathbb{Q}g8+$ $\mathbb{Q}g3!$ 9. $\mathbb{Q}c4$ $\mathbb{Q}b3+!$ 10. $\mathbb{Q}c1$ $\mathbb{Q}d6-+$) $\mathbb{Q}g3!$ (4... $\mathbb{Q}h4$ 5. $\mathbb{Q}e2!=$)
- Thematic try: 5. $\mathbb{Q}b3+?$ $\mathbb{Q}xb3$ 6. $\mathbb{Q}xb3$ $\mathbb{Q}g4$ 7. $\mathbb{Q}e2$ $\mathbb{Q}f5$ 8. $\mathbb{Q}d3$ $\mathbb{Q}e6!$ 9. $\mathbb{Q}e4$ $\mathbb{Q}c1!$ 10. $\mathbb{Q}e5$ $\mathbb{Q}d6+$ 11. $\mathbb{Q}d4$ $\mathbb{Q}b2+$ $B-+$
5. $\mathbb{Q}e1+!$ $\mathbb{Q}xe1+$ 6. $\mathbb{Q}xe1$ $\mathbb{Q}g4$ 7. $\mathbb{Q}e2$ $\mathbb{Q}f5$ 8. $\mathbb{Q}d3$ $\mathbb{Q}e6!$ 9. $\mathbb{Q}e4$ $\mathbb{Q}c1!$
 10. $\mathbb{Q}e5$ $\mathbb{Q}d6+$ 11. $\mathbb{Q}d4$ $\mathbb{Q}b2+$ A 12. $c3!$ 1/2

D055

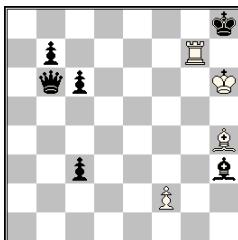


= (4+6)

1. $\mathbb{Q}d2$ $a3!$ (1... $\mathbb{Q}xf7$ 2. $\mathbb{Q}xf3=$, 1... $\mathbb{Q}c4+$ 2. $\mathbb{Q}e1$ $a3$ 3. $\mathbb{Q}e4$ $a2$ 4. $\mathbb{Q}b7+$ $\mathbb{Q}a3$ 5. $\mathbb{Q}a7+$ $\mathbb{Q}a4$ 6. $\mathbb{Q}xf3+$ $\mathbb{Q}b4$ 7. $\mathbb{Q}b7+=$)
- Thematic try: 2. $\mathbb{Q}7xf3?$ $a2$ 3. $\mathbb{Q}f1$ $\mathbb{Q}d1$ 4. $\mathbb{Q}f4+$ B $\mathbb{Q}c4+$ 5. $\mathbb{Q}xc4+$ $\mathbb{Q}xc4$ 6. $\mathbb{Q}a6+$ $\mathbb{Q}d4$ 7. $\mathbb{Q}xe2$ $a1\mathbb{Q}$ 8. $\mathbb{Q}xd1$ (8. $\mathbb{Q}xd1$ $\mathbb{Q}c3\#$) $\mathbb{Q}c3+$ 9. $\mathbb{Q}e2$ $\mathbb{Q}e3\#$ (2. $\mathbb{Q}xf3?$ $a2$ 3. $\mathbb{Q}a7$ $\mathbb{Q}a4$ 4. $\mathbb{Q}xe2$ $a1\mathbb{Q}$ 5. $\mathbb{Q}f4+$ $\mathbb{Q}c5$ 6. $\mathbb{Q}g4$ $\mathbb{Q}b2+$ 7. $\mathbb{Q}a4$ $\mathbb{Q}d7$ 8. $\mathbb{Q}a5+$ $\mathbb{Q}d6-+$, 2. $\mathbb{Q}c7?$ $\mathbb{Q}c4+$ 3. $\mathbb{Q}xc4+$ $\mathbb{Q}xc4$ 4. $\mathbb{Q}xf3$ $a2-+$)
- 2. $\mathbb{Q}2xf3!$ $a2$ (2... $\mathbb{Q}xf7$ 3. $\mathbb{Q}xa3=$) 3. $\mathbb{Q}f1$ $\mathbb{Q}d1$ 4. $\mathbb{Q}f4+!$ A (Thematic try: 4. $\mathbb{Q}7f4+?$ B $\mathbb{Q}c4+$ $-+$ as after 2. $\mathbb{Q}7xf3?$) $\mathbb{Q}a3$ (4... $\mathbb{Q}c4+$ 5. $\mathbb{Q}xc4+$ $\mathbb{Q}xc4$ 6. $\mathbb{Q}c7+$ $\mathbb{Q}b4$ 7. $\mathbb{Q}c1=$, 4... $\mathbb{Q}b3$ 5. $\mathbb{Q}d5+!$ $\mathbb{Q}xd5$ 6. $\mathbb{Q}b7+$ $\mathbb{Q}a3$ 7. $\mathbb{Q}f3+$ $\mathbb{Q}a4$ 8. $\mathbb{Q}a7=$) 5. $\mathbb{Q}c6!$ (5. $\mathbb{Q}a6?$ $a1\mathbb{Q}$ 6. $\mathbb{Q}xe2$ $\mathbb{Q}b3-+$) $e1\mathbb{Q}+!$ (5... $a1\mathbb{Q}$ 6. $\mathbb{Q}a7+$ $\mathbb{Q}a4$ 7. $\mathbb{Q}fxa4+$ $\mathbb{Q}xa4$ 8. $\mathbb{Q}xa4+$) 6. $\mathbb{Q}xe1$ $a1\mathbb{Q}$
- 7. $\mathbb{Q}a7+$ (7. $\mathbb{Q}f2?$ $\mathbb{Q}b2+$ 8. $\mathbb{Q}g3$ $\mathbb{Q}e5$ 9. $\mathbb{Q}e4$ $\mathbb{Q}d5$ 10. $\mathbb{Q}xd5$ $\mathbb{Q}xd5-+$) $\mathbb{Q}a4+$ (7... $\mathbb{Q}a4$ 8. $\mathbb{Q}d2$ $\mathbb{Q}b2$ 9. $\mathbb{Q}b7+$ $\mathbb{Q}b3$ 10. $\mathbb{Q}xb3+!$ $\mathbb{Q}xb3$ 11. $\mathbb{Q}xa4=$) 8. $\mathbb{Q}f2!$ (8. $\mathbb{Q}e2?$ $\mathbb{Q}b2+$ 9. $\mathbb{Q}f3$ $\mathbb{Q}c3+$ 10. $\mathbb{Q}g4$ $\mathbb{Q}xc6-+$) $\mathbb{Q}e5$ (8... $\mathbb{Q}b2+$ 9. $\mathbb{Q}g3!$ =, 8... $\mathbb{Q}c1$ 9. $\mathbb{Q}f3+$ $\mathbb{Q}b4$ 10. $\mathbb{Q}xa4$ $\mathbb{Q}xa4$ 11. $\mathbb{Q}af7=$, 8... $\mathbb{Q}a2+$ 9. $\mathbb{Q}g3$ $\mathbb{Q}g8+$ 10. $\mathbb{Q}h4=$) 9. $\mathbb{Q}f3+!$ (9. $\mathbb{Q}g3?$ $\mathbb{Q}g5+$ 10. $\mathbb{Q}g4$ $\mathbb{Q}e3+$ 11. $\mathbb{Q}f3$ $\mathbb{Q}b3$ 12. $\mathbb{Q}h2$ $\mathbb{Q}h6+$ 13. $\mathbb{Q}g2$ $\mathbb{Q}c6$ 14. $\mathbb{Q}xc6$ $\mathbb{Q}xc6-+$) $\mathbb{Q}b4$ (9... $\mathbb{Q}b2$ or $\mathbb{Q}a2$ 10. $\mathbb{Q}xa4$ $\mathbb{Q}d4+$ 11. $\mathbb{Q}g2$ $\mathbb{Q}xa4$ 12. $\mathbb{Q}f2=$)
- 10. $\mathbb{Q}xa4$ $\mathbb{Q}xa4$ (10... $\mathbb{Q}h2+$ 11. $\mathbb{Q}f1$ $\mathbb{Q}xa4$ 12. $\mathbb{Q}g7=$) 11. $\mathbb{Q}b7+$ 1/2

Two thematic tries
Mates

D056



Thematic try: 1. $\mathbb{Q}g6?$ $\mathbb{Q}d4$ 2. $\mathbb{Q}f6 + \mathbb{Q}xf6$ 3. $\mathbb{Q}xf6 \mathbb{Q}g8$ 4. $\mathbb{Q}f3 c2$ 5. $\mathbb{Q}c3 \mathbb{Q}f5$ 6. $\mathbb{Q}g5 \mathbb{Q}h7$ 7. $\mathbb{Q}f4$ (7. $f4 \mathbb{Q}e4!$) b5 8. $\mathbb{Q}e3 b4$ 9. $\mathbb{Q}d2 bxc3 +$ B -+ as there is no stalemate.

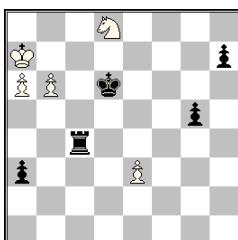
1. $\mathbb{Q}f6!$ $\mathbb{Q}xf2$ 2. $\mathbb{Q}g6 + \mathbb{Q}xf6$ 3. $\mathbb{Q}xf6 \mathbb{Q}g8$ 4. $\mathbb{Q}f3$ (4. $\mathbb{Q}g6 + \mathbb{Q}f7$ 5. $\mathbb{Q}g1$ b5 -+) c2 5. $\mathbb{Q}c3 \mathbb{Q}f5$ 6. $\mathbb{Q}g5 \mathbb{Q}h7$ 7. $\mathbb{Q}f4 b5$ 8. $\mathbb{Q}e3 b4$ 9. $\mathbb{Q}d2! bxc3 +$

A 10. $\mathbb{Q}c1$ with unavoidable stalemate.

(Please compare Korteling, Tijdschrift v.d. KNSB #441 (m), HHDBV #63727)

= (4+6)

D057



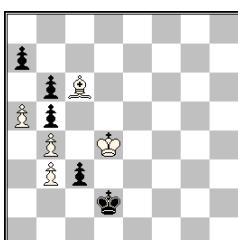
1. $\mathbb{Q}f7 + \mathbb{Q}d5$

Thematic try: 2. b7? $\mathbb{Q}b4$ 3. $b8\mathbb{Q}$ (3. $e4 + \mathbb{Q}xe4!$ 4. $\mathbb{Q}xg5 + \mathbb{Q}f5!$ (4... $\mathbb{Q}e3$ 5. $b8\mathbb{Q}$) = 5. $\mathbb{Q}xh7 a2$ 6. $b8\mathbb{Q}$ $\mathbb{Q}xb8$ 7. $\mathbb{Q}xb8 a1\mathbb{Q}$ -+) $\mathbb{Q}xb8$ 4. $\mathbb{Q}xb8 a2$ 5. $a7 a1\mathbb{Q}$ 6. $a8\mathbb{Q}$ + (6. $e4 + \mathbb{Q}xe4$ 7. $a8\mathbb{Q}$ + $\mathbb{Q}xa8 +$ -+) $\mathbb{Q}xa8 +$ 7. $\mathbb{Q}xa8 g4$ 8. $\mathbb{Q}h6 g3$ 9. $\mathbb{Q}f5 g2 +$ B)

2. $e4 +$! $\mathbb{Q}xe4$ 3. $b7$ $\mathbb{Q}b4$ 4. $b8\mathbb{Q}$ $\mathbb{Q}xb8$ 5. $\mathbb{Q}xb8 a2$ 6. $a7 a1\mathbb{Q}$ 7. $a8\mathbb{Q}$ + $\mathbb{Q}xa8 +$ 8. $\mathbb{Q}xa8 g4$ 9. $\mathbb{Q}h6!$ g3 10. $\mathbb{Q}f5 g2$ A 11. $\mathbb{Q}e3 +$! 1/2

= (5+5)

D058

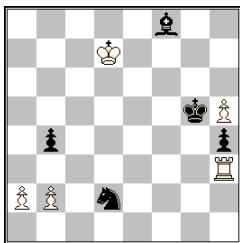


1. $\mathbb{Q}e4 c2$ 2. $\mathbb{Q}xc2 \mathbb{Q}xc2$ 3. a6 (3. $\mathbb{Q}d5 bxa5$ 4. $bxa5 \mathbb{Q}xb3$ 5. $\mathbb{Q}c6 b4$ 6. a6 $\mathbb{Q}c2$ 7. $\mathbb{Q}b7 b3$ 8. $\mathbb{Q}xa7 b2$ 9. $\mathbb{Q}b7 b1\mathbb{Q}$ + 10. $\mathbb{Q}a8 \mathbb{Q}c3$ 11. a7 $\mathbb{Q}b4$ 12. $\mathbb{Q}b7 \mathbb{Q}c5 +$ 13. $\mathbb{Q}c8 \mathbb{Q}e4$ 14. $\mathbb{Q}b8 \mathbb{Q}e8 +$ 15. $\mathbb{Q}b7 \mathbb{Q}c6 +$ 16. $\mathbb{Q}b8 \mathbb{Q}d7$ 17. a8 \mathbb{Q} $\mathbb{Q}b6 +$ -+) $\mathbb{Q}xb3$ 4. $\mathbb{Q}d5 \mathbb{Q}xb4$ 5. $\mathbb{Q}c6 \mathbb{Q}c4$ 6. $\mathbb{Q}b7 b4$ 7. $\mathbb{Q}xa7 b3$

Thematic try: 8. $\mathbb{Q}b7 b2$ 9. a7 b1 \mathbb{Q} 10. a8 \mathbb{Q} B $\mathbb{Q}e4 +$ (or $\mathbb{Q}h1 +$) 11. $\mathbb{Q}b8 / \mathbb{Q}a7 \mathbb{Q}xa8 +$ 12. $\mathbb{Q}xa8 b5 +$

8. $\mathbb{Q}b8!$ b2 9. a7 b1 \mathbb{Q} 10. a8 \mathbb{Q} A 1/2

= (5+5)



=

(5+5)

Thematic try: 1.a3? ♜xh5! (1...bx a3? 2.bxa3 main; 1... ♜g4 2. ♜h1 ♜xh5 3.a4! ♜g7 4. ♜d1 ♜c4 5.b3=) 2. ♜d3 ♜e4! (2... ♜c4? 3. ♜d5+= ♜g6 4. ♜d4 ♜e5+ 5. ♜c7!! (5. ♜e8? bxa3 6.bxa3 ♜e7!! 7. ♜xe7 (7.a4 ♜g5 8.a5 h3-+) 7... ♜c6++ fork) ♜g5 6.axb4 h3 7.b5=) 3. ♜c6 bxa3 4.bxa3 ♜c5! (4.. ♜g4? 5. ♜d4= pin) 5.a4 ♜g4 6.a5 ♜f2 7.a6 h3 8. ♜xh3 ♜xh3 9. ♜c7 ♜c3!! 10. ♜b7 ♜b5+; (1. ♜d3? ♜c4! 2. ♜d5+ ♜h6 3. ♜d4 ♜e5+ 4. ♜e8 ♜e7!! 5. ♜xe7 ♜c6++ fork))

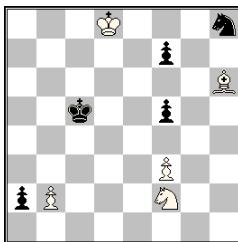
1.a4!! bxa3! En Passant 2.bxa3 ♜xh5 3.a4! (3. ♜h2? ♜e4! (3.. ♜b3? 4. ♜b2 ♜c1 5.a4=; 3... ♜c4? 4.a4 ♜h6 5. ♜c6 ♜f4 6. ♜h1 ♜g4 7. ♜g1+=) 4. ♜e2 ♜c3 5. ♜c2 ♜a4! 6. ♜e6 h3 7. ♜f5 ♜h6! 8. ♜e4 ♜g4+; 3. ♜c6? ♜g4!-+ (3.. ♜h6? 4.a4! ♜g4 5. ♜h2! ♜g3 6. ♜e2 ♜b3 7. ♜b2 ♜d4+ 8. ♜b7! ♜c1 9. ♜b1 ♜d2 10. ♜g1+ ♜f2 11. ♜d1 ♜f3 12. ♜b6 ♜e3+ 13. ♜b7! ♜d2 14. ♜b6 positional draw or 14...h3 15.a5 ♜e1 16.a6 h2 17.a7 h1 18.a8 = (Excelsior!) ♜g4 4. ♜h1! (4. ♜h2? ♜b4!-+) **h3 5.a5 ♜c5 6.a6!** (6. ♜h2? ♜b3! 7.a6 ♜g1! (7.. ♜g3? 8. ♜b2 ♜a5 9. ♜b8! h2 10. ♜g8+ ♜f2 11. ♜h8 ♜g2 12. ♜g8+=) 8. ♜a2 ♜g3 9.a7 ♜xa7 10. ♜xa7 h2-+) ♜b3

Thematic try: 7. ♜c8? ♜a5 8. ♜h2 ♜g3 9. ♜c2 h2 10. ♜xc5 h1 ♜xa5 **B2** (W ♜c8) ♜a8+ (11.. ♜c6?+ 12. ♜b8 ♜b6+ 13. ♜a8 ♜xa5 14. ♜a7=) 12. ♜c7 ♜a7++

7. ♜c7!! ♜a5 8. ♜h2! (8. ♜a1? h2 9. ♜a4+ (9. ♜xa5? ♜g1!-+) ♜g3! (Thematic try: 9.. ♜h3? 10. ♜xa5 h1 ♜11. ♜xc5 ♜a8 12. ♜b6 ♜b8+ 13. ♜a5! **b1** (B ♜h3) ♜d8+ 14. ♜b5! ♜b8+ 15. ♜a5 positional draw, or 15.. ♜g4 16. ♜b5=) 10. ♜xa5 h1 ♜11. ♜xc5 ♜a8 12. ♜b6 ♜b8+ 13. ♜a5-+ **a1** (B ♜g3) ♜g3 9. ♜c2! (9.. ♜a2? h2 10. ♜xa5 h1 ♜11. ♜xc5 ♜a8 12. ♜b6 (12. ♜a5 ♜a7-+) 12.. ♜b8-+) **h2** (9.. ♜d4 10. ♜d2 10. ♜b8? h2 11. ♜xh2 ♜xh2 12.a7 ♜c6-+) h2 11. ♜d3+ ♜f2 12. ♜d2+ ♜g3 13. ♜d3=; 9.. ♜g1 10. ♜c3+ ♜g4 11. ♜c2 ♜g3 12. ♜c3=+) Thematic try: 10. ♜c3+? ♜g4! (10.. ♜h4? 11. ♜xc5 h1 ♜12. ♜xa5=) 11. ♜xc5 **B1** (B ♜g4) ♜b3! (11.. h1 ♜12. ♜xa5=) 12. ♜c4+ (12. ♜c3 h1 ♜13. ♜xb3 ♜a8 14. ♜b6 ♜b8-+) ♜g5! 13. ♜c3 h1 ♜14. ♜xb3 ♜a8! 15. ♜a3 ♜a7-+)

10. ♜xc5 A1 (B ♜g3) **h1** ♜11. ♜xa5 = **A2** (W ♜c7) Thematic try: 11. ♜g5+? ♜f4! 12. ♜xa5 ♜h7+! (12.. ♜c1?+ 13. ♜b6! ♜b1+ **b2** (B ♜b1) (13.. ♜e3+ 14. ♜c5=) 14. ♜b5=) 13. ♜b6 ♜g6+=-+ **a2** (b ♜g6) (13.. ♜h6?+ 14. ♜b5! ♜g5+ (14.. ♜h5+ 15. ♜b4! ♜f7 16.a7=) 15. ♜a4! ♜g8 16.a7 ♜c4+ 17. ♜a3 ♜c3+ 18. ♜a4 ♜c4+ 19. ♜a3 positional draw)

D060



= (5+5)

1. ♜g7 (1.b4+? ♛d5 2. ♜g7 f6 3. ♜xf6 ♜f7+ 4. ♜e7 ♜e5 5. ♜xe5 ♜xe5 6. ♜d3 ♜d5 -+) **♛d5**

Thematic try: 2.b4? f6 3. ♜xf6 ♜f7+ 4. ♜e7 ♜e5 5. ♜xe5 ♜xe5 6. ♜d3 **B1** ♜d5 -+ 7. ♜b4??

2.b3! f6 3. ♜xf6 ♜f7 4. ♜e7 ♜e5 5. ♜xe5 6. ♜d3+ A1 ♜d4

7. ♜b4 1/2

or 1... ♜d6

Thematic try: 2.b3? f6 3. ♜xf6 ♜f7 4. ♜c8 4. ♜e8 ♜e5 5.f4 ♜g4 6. ♜xg4 fxg4

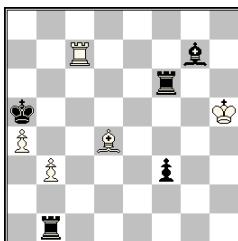
B2 7. ♜e5+ ♜c6+-

2.b4! f6 3. ♜xf6 ♜f7+ 4. ♜c8 (4. ♜e8 ♜e5 5.f4 ♜g4 6. ♜xg4 fxg4

7. ♜e5 ♜e6) ♜e5 5.f4 ♜g4 6. ♜xg4 fxg4 **A2** 7. ♜e5+ ♜c6 8.b5+!

(8.f5? ♛d5 9.f6 ♛xe5 10.f7 a1♛ 11.f8♛ ♛a8+ -+) **♛b5** 9. f5 g3 10. f6 g2 11.f7 1/2

D061



= (5+5)

Thematic try: 1. ♜xf6? ♜xf6! (1... f2 2. ♜c5+ ♜b4 3. ♜c4+ ♜xb3

4. ♜f4=) 2. ♜c5+ ♜b4! 3. ♜c4+ (3. ♜f5 ♜f1 4. ♜g4 f2 5. ♜f3 ♜d4 -+) ♜xb3! 4. ♜f4 ♜f1 5. ♜g4 (5. ♜xf6? f2!) f2 6. ♜f3 ♜g5! (6... ♜e5? 7. ♜h4! ♜c3 **A1** 8. ♜h3! =) 7. ♜d4 **B1** ♜c3! -+

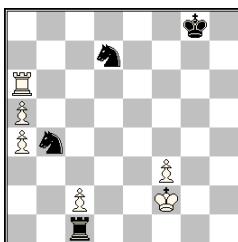
1. ♜c5+! ♜b4! (1... ♜a6 2. ♜xf6 f2 3. ♜f5!) **2. ♜c4+! ♜a3!** (2... ♜xb3?

3. ♜c3+!) 3. ♜xf6! ♜xf6 4. ♜f4 ♜f1 5. ♜g4 (5. ♜xf6? f2! -+) f2 6. ♜f3

♦g5 7. ♜d4! **A1** ♜f6 (7... ♜e7 8.b4!) 8. ♜f4 ♜e5 9. ♜c4! ♜xb3

(9. ♜h4? ♜c3! **B2**) 10. ♜h4! ♜c3 **A2** 11. ♜h3!! 1/2

D062



= (6+4)

1. ♜a8+ ♜h7 2.a6 ♜xc2+

Thematic try: 3. ♜g3? ♜c7 4.a7 ♜c6 5. ♜h8+ ♜xh8 6.a8♛+ ♜db8! 7.a5 ♜a7 8. ♛xa7 ♜xa7 9.a6 ♜xa6 10.f4 ♜c5! 11.f5 ♜e4+ **B** (W ♜g3 - White is now in check) 12. ♜f4 ♜f6 13. ♜e5 ♜g7 with a Troitzky win. If 3. ♜f1? ♜b6! 4. ♜b8 ♜6d5 5.a7 ♜e3+ 6. ♜g1 ♜g2+ 7. ♜h1 ♜d3 8. ♜b2 ♜g8! 9. ♜e2 ♜f5 10. ♜h2+ ♜h6 wins, or 8. ♜h8+ ♜xh8 9.a8♛+ ♜g8

10. ♜xg8+ ♜xg8+ Troitzky

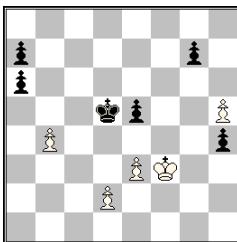
3. ♜g1!! ♜c7 (3... ♜e5 4.a7 ♜xf3+ 5. ♜f1 ♜d3 6. ♜h8+ ♜g7 7. ♜g8+

♦f7 8. ♜f8+ =) 4.a7 ♜c6 5. ♜h8+ ♜xh8 6.a8♛+ ♜db8 7.a5! ♜a7

8. ♜xa7 ♜xa7 9.a6! (9.f4? ♜a6 -+) 9... ♜xa6 10.f4 ♜c5 11.f5 ♜e4 **A** -

with W ♜g1 White is not in check, and has time for **12.f6 1/2**

D063



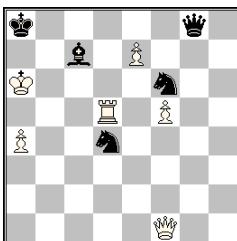
Thematic try: 1. $\mathbb{Q}g4$ $\mathbb{Q}c4$ 2. $\mathbb{Q}xh4$ $\mathbb{Q}xb4$ 3. $\mathbb{Q}g5$ a5 4. $\mathbb{Q}g6$ a4 5. $\mathbb{Q}xg7$ a3 6. h6 a2 7. h7 a1 \mathbb{Q} 8. h8 \mathbb{Q} e4+ 9. d4 exd3+! en passant -+

1.d3 $\mathbb{Q}c6$ (1...e4+ 2. dxe4+) 2. $\mathbb{Q}g4$ $\mathbb{Q}b5$ 3. $\mathbb{Q}xh4$ $\mathbb{Q}xb4$ 4. $\mathbb{Q}g5$ a5 5. $\mathbb{Q}g6$ a4 6. $\mathbb{Q}xg7$ a3 7. h6 a2 8. h7 a1 \mathbb{Q} 9. h8 \mathbb{Q} e4+ 10. d4! 1/2 Same position as in the thematic try, but no en passant!

=

(5+6)

D064



1. $\mathbb{Q}d8+$ (1. $\mathbb{Q}xd4?$ $\mathbb{Q}c8+$ 2. $\mathbb{Q}b5$ $\mathbb{Q}b7+$ 3. $\mathbb{Q}c4$ $\mathbb{Q}a6+--$) $\mathbb{Q}xd8$

Thematic try: 2. $\mathbb{Q}g2+?$ $\mathbb{Q}d5$ zz 3. a5 (3. $\mathbb{Q}xg8$ $\mathbb{Q}b4\#$; 3. $\mathbb{Q}h1$ $\mathbb{Q}xe7\#$ -+; 3. e8 \mathbb{Q} $\mathbb{Q}xe8$ -+; 3. f6 $\mathbb{Q}e6+--$) $\mathbb{Q}b8$ 4. exd8 $\mathbb{Q}+$ $\mathbb{Q}xd8$ 5. $\mathbb{Q}b2+$ $\mathbb{Q}c7!$

6. $\mathbb{Q}xd4$ $\mathbb{Q}b4!$ 7. $\mathbb{Q}xb4$ $\mathbb{Q}a8+$ 8. $\mathbb{Q}b5$ $\mathbb{Q}c6\#$ B

2. $\mathbb{Q}h1+!$ $\mathbb{Q}d5$ 3. $\mathbb{Q}g2!zz$ $\mathbb{Q}b8$ (3... $\mathbb{Q}xg2$ 4. exd8 $\mathbb{Q}\#$, 3... $\mathbb{Q}xe7$ / $\mathbb{Q}c7$ 4. $\mathbb{Q}xg8+$, 3... $\mathbb{Q}d4-$ 4. $\mathbb{Q}xg8$) 4. exd8 $\mathbb{Q}+$ $\mathbb{Q}xd8$ 5. $\mathbb{Q}b2+$ $\mathbb{Q}c7$ 6. $\mathbb{Q}xd4$

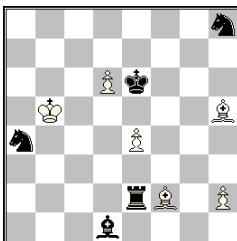
$\mathbb{Q}b4+$ 7. $\mathbb{Q}xb4$ $\mathbb{Q}a8+$ 8. $\mathbb{Q}b5$ $\mathbb{Q}c6+A$ 9. $\mathbb{Q}a5!$ 1/2

No mate, as square a5 is available.

=

(6+5)

D065



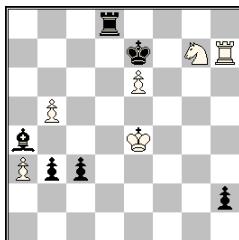
Thematic try: 1. $\mathbb{Q}xe2$ $\mathbb{Q}c3+$ 2. $\mathbb{Q}c4$ $\mathbb{Q}xe2$ 3. $\mathbb{Q}d3$ $\mathbb{Q}f4+!B$ -+

1. $\mathbb{Q}g4+!$ $\mathbb{Q}xd6$ 2. $\mathbb{Q}xe2$ $\mathbb{Q}c3+$ 3. $\mathbb{Q}c4$ $\mathbb{Q}xe2$ 4. $\mathbb{Q}d3$ $\mathbb{Q}f4+ A$ 5. $\mathbb{Q}d2$ $\mathbb{Q}g4$ 6. $\mathbb{Q}g3$ $\mathbb{Q}e5$ 7. $\mathbb{Q}e3$ $\mathbb{Q}hg6$ 8. h4 $\mathbb{Q}h5$ 9. $\mathbb{Q}h2$ $\mathbb{Q}g4$ 10. $\mathbb{Q}g3$ 1/2

=

(6+5)

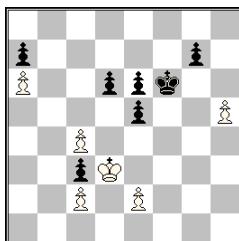
D066



= (6+6)

1. $\mathbb{Q}e5!$ $\mathbb{B}d5+$! 2. $\mathbb{Q}xd5 \mathbb{Q}f6!$ [2... b2 3. $\mathbb{Q}h5++$] 3. $\mathbb{E}e7!$ [3. $\mathbb{Q}xh2?$ b2 4. $\mathbb{Q}e8+ \mathbb{Q}g6+$] 3... $\mathbb{Q}xb5!$ [3... $\mathbb{Q}xe7?$ 4. $\mathbb{Q}e5!+$] 4. $\mathbb{A}4!!$
- Thematic try: 4. $\mathbb{E}8\mathbb{Q}?$ $\mathbb{Q}xe8$ 5. $\mathbb{Q}xe8+ \mathbb{Q}g5$ 6. $\mathbb{Q}xh2$ b2! 7. $\mathbb{Q}g2+$ $\mathbb{Q}f4$ 8. $\mathbb{Q}f2+$ $\mathbb{Q}e3!$ (8... $\mathbb{Q}g3?$ 9. $\mathbb{Q}c2!=$) 9. $\mathbb{Q}f6!?$ (9. $\mathbb{Q}c2 \mathbb{Q}d3+$) 9... $\mathbb{Q}xf2!$ (9... b1 $\mathbb{Q}210.$ $\mathbb{Q}g4+$ $\mathbb{Q}d3$ 11. $\mathbb{Q}e5+=$) 10. $\mathbb{Q}e4+$ $\mathbb{Q}e3$ 11. $\mathbb{Q}xc3 \mathbb{Q}d3!$ 12. $\mathbb{Q}b1 \mathbb{Q}c2+$ **B** (No 13. $\mathbb{Q}a3+)$
- 4... $\mathbb{Q}xa4$ 5. $\mathbb{E}8\mathbb{Q}$ $\mathbb{Q}xe8$ 6. $\mathbb{Q}xe8+ \mathbb{Q}g6$ 7. $\mathbb{Q}xh2$ b2! [7... c2 8. $\mathbb{Q}g2+$ $\mathbb{Q}h6$ 9. $\mathbb{Q}h2+$ $\mathbb{Q}g5$ 10. $\mathbb{Q}g2+$ $\mathbb{Q}f4$ 11. $\mathbb{Q}f2+$ $\mathbb{Q}e3!$ [11... $\mathbb{Q}g3$ 12. $\mathbb{Q}c2!=$] 12. $\mathbb{Q}f6!!$ [12. $\mathbb{Q}c2?$ $\mathbb{Q}d3+$] 12... $\mathbb{Q}xf2$ [12... b1 $\mathbb{Q}213.$ $\mathbb{Q}g4+$ $\mathbb{Q}d3$ 14. $\mathbb{Q}e5+$ $\mathbb{Q}e3$ 15. $\mathbb{Q}g4+=$ Perpetual check] 13. $\mathbb{Q}e4+$ $\mathbb{Q}e3$
14. $\mathbb{Q}xc3 \mathbb{Q}d3$ 15. $\mathbb{Q}b1 \mathbb{Q}c2$ **A** 16. $\mathbb{Q}a3+!$ 1/2

D067



= (6+7)

1. $c5!$ $dxc5$ 2. $\mathbb{Q}c4 \mathbb{Q}g5$

Thematic try: 3. $\mathbb{Q}xc5?$ $\mathbb{Q}xh5!$ 4. $\mathbb{Q}c6$ g5 5. $\mathbb{Q}b7$ g4 6. $\mathbb{Q}xa7$ g3 7. $\mathbb{Q}b6$ g2 8. a7 g1 $\mathbb{Q}+!$ -+ **B1** (no $\mathbb{B}\Delta c5$, $\mathbb{B}\mathbb{Q}$ uses the free line g1-a7 to check)

7. $\mathbb{Q}b8$ g2 a7 g1 $\mathbb{Q}!$ 9. a8 \mathbb{Q} g8+! -+

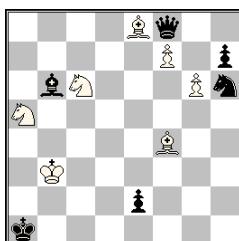
3. $\mathbb{Q}b5!$ $\mathbb{Q}xh5$ 4. $\mathbb{Q}c6$ g5 5. $\mathbb{Q}b7$ g4 6. $\mathbb{Q}xa7$ g3

Thematic try: 7. $\mathbb{Q}b8?$ g2 a7 g1 $\mathbb{Q}!$ 9. a8 \mathbb{Q} **B2** ($W\mathbb{Q}b8$, on the line with the $W\mathbb{Q}$) $\mathbb{Q}g8+!$ -+

7. $\mathbb{Q}b6!$ g2 8. a7 g1 $\mathbb{Q}!$ **A1** (with $\mathbb{B}\Delta c5$, which protects against the check) 9. a8 $\mathbb{Q}!$ 1/2 **A2** (with $W\mathbb{Q}b6$, not on the line with the $W\mathbb{Q}$ and $W\mathbb{Q}$ cannot be captured)

Two thematic tries refuted on account of lack of $\mathbb{B}\Delta$ -shield at c5 (try 1) or wrong position of $W\mathbb{Q}$ (try 2)

D068



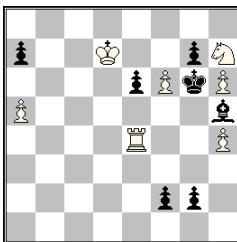
= (7+6)

1. $g7 \mathbb{Q}xg7$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}xe5 \mathbb{Q}xf7$

Thematic try 4. $\mathbb{Q}f3 \mathbb{Q}e5$ (or 4... $\mathbb{Q}g5$) 5. $\mathbb{Q}b5 \mathbb{Q}xf3$ 6. $\mathbb{Q}xe2 \mathbb{Q}d4+$ 7. $\mathbb{Q}c4 \mathbb{Q}xe2$ **B** -+

4. $\mathbb{Q}d3!$ $\mathbb{Q}e5$ 5. $\mathbb{Q}h5$ $\mathbb{Q}xd3$ 6. $\mathbb{Q}xe2 \mathbb{Q}c1+$ 7. $\mathbb{Q}c2 \mathbb{Q}xe2$ **A** 8. $\mathbb{Q}b3+$ $\mathbb{Q}a2$ 9. $\mathbb{Q}c1+$ $\mathbb{Q}xc1$ 10. $\mathbb{Q}xc1$ h5 11. $\mathbb{Q}d2$ (or 11. $\mathbb{Q}d1$) h4 12. $\mathbb{Q}e2$ h3 13. $\mathbb{Q}f3$ $\mathbb{Q}c7$ 14. $\mathbb{Q}f2$ 1/2

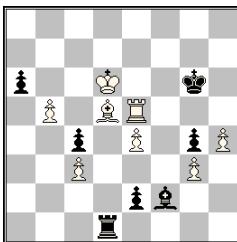
D069



= (7+7)

1.f7! ♜xf7 (1...f1 ♛ 2.f8 ♛ ♜xh6 3.♕ h8! ♛ b5+ [3... ♛ d3 4.♕ e7 =] 4.♕ c8 or ♕ e7 =) **2.♗g5 ♜g8!** (2... ♛ f6? 3.h7 f1 ♛ 4.h8 ♛ ♛ b5 5.♕ c8 ♛ c6 6.♕ b8! = or 2... ♛ g6? 3.h7 f1 ♛ 4.h8 ♛ =) **3.h7+! ♜h8**
Thematic try: 4.♗ b4?! ♛ e8+! 5.♕ xe8 f1 ♛ 6.♗ b8 ♛ f4! 7.♗ c8 ♛ xg5
 8.hg g1 ♛! **B** – and no 9.g6
4.♗c4! ♛ e8+! 5.♕ xe8 g1 ♛! (or 5...f1 ♛ 6.♗ c8 ♛ a6 7.♗ b8 etc. =)
6.♗c8 ♛ xg5! 7.hg f1 ♛ A(B ♛ f1) and now 8.g6! ♛ a6 9.♗ b8 ♛ d6
10.♗ c8 ♛ a6 - positional draw!

D070

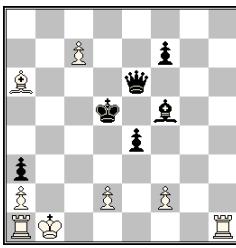


= (8+7)

Thematic try: 1.♗ e6+? ♛ g7 2.♗ e7+ ♛ f8 3.♗ f7+ ♛ e8 4.♗ e7+ ♛ d8
 5.♗ d7+ ♛ c8 6.♗ c7+ ♛ b8 7.♗ b7+ ♛ a8 **B** 8.♗ e7+ (8.♗ c7 ♛ xg3+
 9.♗ c8 ♛ xd5 +-) ♛ xd5+ 9.exd5 ♛ xg3+ 10.♗ c6 e1 ♛ 11.♗ xe1 ♛ xe1
 12.h5 g3 +-
1.h5++! ♜h6 (1... ♛ f2 2.♗ e6+ ♛ f7 3.♗ e7+ ♛ f8 4.♗ f7+ (4.♗ d7 ♛ c5!
 +-) ♛ e8 5.♗ e7+ ♛ d8 6.♗ d7+ ♛ c8 7.♗ c7+ ♛ b8 8.♗ b7+ ♛ a8 **A1**
 9.♗ e7+? ♛ xd5+? 10.exd5 ♛ xg3+ 11.♗ c6 e1 ♛ 12.♗ xe1 ♛ xe1 13.d6
 ♛ xc3 14.d7 ♛ f6 15.h6 +-) **2.♗ e6+ ♜xh5 3.♗ e5+ ♛ g6 4.♗ e6+ ♛ g7**
5.♗ e7+ ♛ f8 6.♗ f7+ ♛ g8 7.♗ e7+! ♜ h8 (7... ♛ xd5+? 8.exd5 ♛ xg3+
 9.♗ c6 e1 ♛ 10.♗ xe1 ♛ xe1 11.bxa6 ♛ f2 12.d6 +-) **8.♗ e8+ ♛ g7**
9.♗ e7+ ♛ f8 10.♗ f7+ ♛ e8 11.♗ e7+ ♛ d8 12.♗ d7+ ♛ c8 13.♗ c7+
♛ b8 14.♗ b7+ ♛ a8 **A 15.♗ c7! (15.♗ e7+? ♛ xd5+ 16.exd5 ♛ xg3+
 17.♗ c6 e1 ♛ +-) 15... ♛ xg3+ 16.e5! ♛ xe5+ 17.♗ c8 ♛ xd5 18.♗ a7+!**
♛ xa7 19.b6+ ♛ a8 (19... ♛ xb6 stalemate) 20.b7+ ♛ a7 21.b8 ♛ +! ♛ x b8 model stalemate

Triple theme treatment

D071



= (8+6)

1. $\mathbb{Q}c4+$ (1. $c8\mathbb{Q}$? $\mathbb{Q}b6+$) $\mathbb{Q}xc4$ 2. $c8\mathbb{Q}$ +! $\mathbb{Q}xc8$ 3. $\mathbb{Q}c1+\mathbb{Q}d4!$ 4. $\mathbb{Q}xc8$ $e3+$ 5. $d3!$ (5. $\mathbb{Q}c1?$ $exf2$) $\mathbb{Q}xd3!$ [5... $exf2$ 6. $\mathbb{Q}c4+\mathbb{Q}e3$ (6... $\mathbb{Q}xd3$ 7. $\mathbb{Q}f4$)
7. $\mathbb{Q}c2 \mathbb{Q}xd3+$ 8. $\mathbb{Q}b3 \mathbb{Q}xc4+$ 9. $\mathbb{Q}xc4 \mathbb{Q}e2$ 10. $\mathbb{Q}b3 f1\mathbb{Q}$ 11. $\mathbb{Q}xf1 \mathbb{Q}xf1$
12. $\mathbb{Q}xa3=]$

Thematic try: 6. $\mathbb{Q}d8+?$ $\mathbb{Q}c3+$ 7. $\mathbb{Q}c1 e2$ 8. $\mathbb{Q}d1 exd1\mathbb{Q}+$ 9. $\mathbb{Q}xd1 \mathbb{Q}c2+$
10. $\mathbb{Q}e2$ (10. $\mathbb{Q}c1 f5$ 11. $f4 \mathbb{Q}d3$) $\mathbb{Q}b2$ **B** 11. $\mathbb{Q}g1 \mathbb{Q}xa2$ wins, for example
12. $\mathbb{Q}g7 \mathbb{Q}b3$

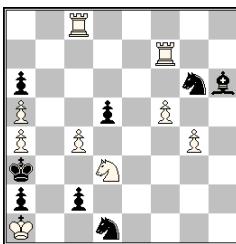
6. $\mathbb{Q}c1!$ (6. $\mathbb{Q}c2?$ $e2$ 7. $\mathbb{Q}xe2 \mathbb{Q}xe2+$ wins) **e2**

Thematic try: 7. $\mathbb{Q}d8+?$ 8. $\mathbb{Q}d1 exd1\mathbb{Q}+$ 9. $\mathbb{Q}xd1 \mathbb{Q}c2+$ 10. $\mathbb{Q}e2 \mathbb{Q}b2$ **B**
7. $\mathbb{Q}e8!$ $\mathbb{Q}e6$ 8. $\mathbb{Q}d8+$ $\mathbb{Q}c3$ 9. $\mathbb{Q}d1 exd1\mathbb{Q}+$ 10. $\mathbb{Q}xd1 \mathbb{Q}g4+$

Thematic try: 11. $\mathbb{Q}c1?$ $\mathbb{Q}f5$ 12. $\mathbb{Q}d1 \mathbb{Q}c2+$ 13. $\mathbb{Q}e2 \mathbb{Q}b2$ **B**

11. $f3!!$ $\mathbb{Q}xf3+$ 12. $\mathbb{Q}c1 \mathbb{Q}e4$ 13. $\mathbb{Q}d1 \mathbb{Q}c2+$ 14. $\mathbb{Q}e2 \mathbb{Q}b2$ **A** (no W $\mathbb{Q}f2$)
15. $\mathbb{Q}f1!$ 1/2

D072

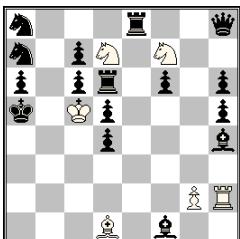


= (9+8)

Thematic try: 1. $fxg6?$ $\mathbb{Q}e3$ 2. $\mathbb{Q}f3 \mathbb{Q}d4+$ 3. $\mathbb{Q}b2+\mathbb{Q}c3$ 4. $\mathbb{Q}d3 \mathbb{Q}xa4+$
5. $\mathbb{Q}b2+\mathbb{Q}c3$ 6. $\mathbb{Q}d3 \mathbb{Q}d1+$ 7. $\mathbb{Q}b2+\mathbb{Q}e3$ 8. $\mathbb{Q}xe3+\mathbb{Q}xe3$ 9. $cx5 c1\mathbb{Q}+$
10. $\mathbb{Q}xc1 \mathbb{Q}xc1$ 11. $\mathbb{Q}c4+\mathbb{Q}b3$ 12. $g7 \mathbb{Q}g5$ 13. $g8\mathbb{Q}$ $\mathbb{Q}xc4$ 14. $\mathbb{Q}xa2$
 $\mathbb{Q}xd5$ 15. $\mathbb{Q}b3 \mathbb{Q}c5$ 16. $\mathbb{Q}a4$ (16. $\mathbb{Q}c3 \mathbb{Q}b5$ 17. $\mathbb{Q}d4 \mathbb{Q}xa5$ 18. $\mathbb{Q}c5$
(18. $\mathbb{Q}e5 \mathbb{Q}b4$ 19. $\mathbb{Q}f5$ (19. $\mathbb{Q}f6 a5$ 20. $\mathbb{Q}e4 a4$ 21. $\mathbb{Q}xg5 a3-$ +) a5
20. $\mathbb{Q}xg5 a4-$ +) $\mathbb{Q}a4$ 19. $\mathbb{Q}d6 \mathbb{Q}b3$ 20. $\mathbb{Q}e7 a5$ 21. $\mathbb{Q}c6 a4$ 22. $\mathbb{Q}d4+\mathbb{Q}c3$
23. $\mathbb{Q}b5+$ (23. $\mathbb{Q}d5 eg \mathbb{Q}h6$ 24. $\mathbb{Q}b5+\mathbb{Q}b4$ 25. $\mathbb{Q}d4 \mathbb{Q}e3$ 26. $\mathbb{Q}c2+\mathbb{Q}b3$
27. $\mathbb{Q}xe3 a3-$ +) $\mathbb{Q}b4$ 24. $\mathbb{Q}c6 \mathbb{Q}e3$ 25. $g5 \mathbb{Q}xg5-$) $\mathbb{Q}c4$ 17. $\mathbb{Q}e7$ (17. $\mathbb{Q}a3$
 $\mathbb{Q}b5-$ +) $\mathbb{Q}xe7$ **B** No stalemate

1. $g5!$ (1. $cx5?$ $\mathbb{Q}e3$ 2. $\mathbb{Q}c4 \mathbb{Q}e5!$ 3. $\mathbb{Q}fc7 \mathbb{Q}xc4$ (3... $\mathbb{Q}xd3$) 4. $\mathbb{Q}xc4 \mathbb{Q}b3$
5. $\mathbb{Q}b4+\mathbb{Q}c3$ 6. $\mathbb{Q}xa2 \mathbb{Q}xd3-$ +) $\mathbb{Q}xg5$ (1... $\mathbb{Q}e5$ 2. $cx5$) **2. $fxg6 \mathbb{Q}e3$**
3. $\mathbb{Q}f3$ (3. $\mathbb{Q}f4 \mathbb{Q}xf4$ 4. $cx5 \mathbb{Q}e3$ 5. $\mathbb{Q}c4 \mathbb{Q}b3!$ 6. $g7 \mathbb{Q}xc4$ 7. $g8\mathbb{Q}$ $\mathbb{Q}xd3$
+) $\mathbb{Q}d4+$ 4. $\mathbb{Q}b2+\mathbb{Q}c3$ (4... $\mathbb{Q}c3$ 5. $\mathbb{Q}xc3+\mathbb{Q}xc3$ 6. $\mathbb{Q}d3$) 5. $\mathbb{Q}d3$
(5. $\mathbb{Q}f1? c1\mathbb{Q}+$! 6. $\mathbb{Q}xc1 \mathbb{Q}xa4-$ + (6... $\mathbb{Q}d1$)) $\mathbb{Q}xa4+$ 6. $\mathbb{Q}b2+\mathbb{Q}c3$
7. $\mathbb{Q}d3 \mathbb{Q}d1+$ 8. $\mathbb{Q}b2+\mathbb{Q}e3$ 9. $\mathbb{Q}xe3+\mathbb{Q}xe3$ 10. $cx5 c1\mathbb{Q}+$ 11. $\mathbb{Q}xc1$
 $\mathbb{Q}xc1$ 12. $\mathbb{Q}c4+\mathbb{Q}b3$ 13. $g7 \mathbb{Q}g5$ 14. $g8\mathbb{Q}$ $\mathbb{Q}xc4$ 15. $\mathbb{Q}xa2 \mathbb{Q}xd5$
16. $\mathbb{Q}b3$ (16. $\mathbb{Q}a3?$ $\mathbb{Q}c4$ 17. $\mathbb{Q}a4 \mathbb{Q}c5-$ +) $\mathbb{Q}c5$ (16... $\mathbb{Q}e6$ 17. $\mathbb{Q}c4 \mathbb{Q}f7$
18. $\mathbb{Q}c5-$ +) **17. $\mathbb{Q}a4 \mathbb{Q}c4$ 18. $\mathbb{Q}e7!$ (18. $\mathbb{Q}a3?$ $\mathbb{Q}b5-$ +) $\mathbb{Q}xe7$ **A** =
stalemate**

D073



=

(6+16)

1. ♗d8! (1.g3? ♖e2? 2. ♗d8! ♖xd8 3. ♖xe2 - 4. ♖a2#, 1... ♖e2! -+) **♖xd8**

Thematic try: 2.g4? ♖c4 3. ♗e5 fxe5 4. ♖b3! ♖xb3 5. ♖a2+! ♖a4!
6. ♖xa4+ ♖xa4 **B** (W ♖g4) - White threatens to stalemate himself after
7.gxh5, but 7... ♖g6! -+

2.g3! ♖c4 3. ♗e5! fxe5 4. ♖b3! ♖xb3 5. ♖a2+! ♖a4! 6. ♖xa4+
(6.gxh4? ♖b6! -+) ♖:a4 **A** (W ♖g3) **7.gxh4** and there is no defence
against the threatened stalemate **1/2**

A logical decoy of the B ♖e8 to allow thematic play by the W ♖g2 (with single or double step), sacrifices by four white pieces and stalemates (one successful and one attempted) after the analogous positions



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

ENTRIES
SECTION E: HELPMATES

July 2016

Judging countries

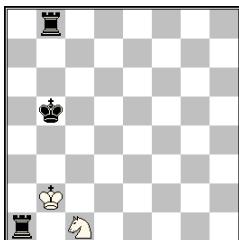
Greece, India, Israel, Serbia, Slovakia
(Ukraine as reserve)

Theme

In each line of play of a helpmate in 3 moves, Black gives a battery check to the white king.

At least two lines of play are required. Set play, multi-solutions and twins are allowed, but not duplex, Polish-type twins (all pieces change color) or zero-positions.

E001

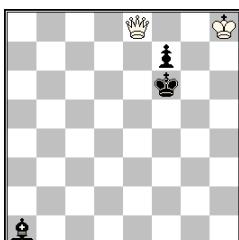


- a)
 1. $\blacksquare a5 \triangleleft e2$ 2. $\blacksquare a4+$ $\triangleleft a2$ 3. $\blacksquare b4 \triangleleft c3\#$
 b)
 1. $\blacksquare a7 \triangleleft d3$ 2. $\blacksquare a6+$ $\triangleleft a4$ 3. $\blacksquare b6 \triangleleft c5\#$
 c)
 1. $\blacksquare a6 \triangleleft e3$ 2. $\blacksquare a5+$ $\triangleleft a3$ 3. $\blacksquare b5 \triangleleft c4\#$

Ideal mate
 Miniature
 White minimal problem

$h\#3$ (2+3)
 b) $\triangleleft b2 \rightarrow b3$
 Black battery
 Anti-critical move
 c) $\triangleleft c1 \rightarrow g2$

E002

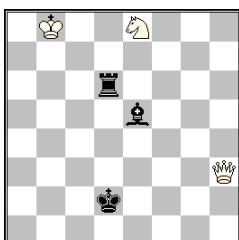


- a)
 1. $\blacksquare d4 \triangleleft a4$ 2. $\blacksquare e7+$ $\triangleleft x d4$ 3. $\blacksquare f8 \triangleleft d8\#$
 b)
 1. $\blacksquare g5+$ $\triangleleft g8$ 2. $\blacksquare h6 \triangleleft f8$ 3. $\blacksquare h7 \triangleleft h5\#$

Minimizing the number of pieces: 5 in a and 4 in b

$h\#3$ (2+3)
 b) - $\triangleleft f7$

E003

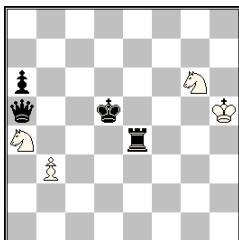


1. $\blacksquare d3+$ $\triangleleft c7$ 2. $\blacksquare d4 \triangleleft g2+$ 3. $\blacksquare e3 \triangleleft d5\#$
 1. $\blacksquare c6+$ $\triangleleft d6$ 2. $\blacksquare c2 \triangleleft f1$ 3. $\blacksquare c3 \triangleleft c4\#$

Miniature

$h\#3$ (3+3)
 2.1...

E004



a)

1. $\mathbb{Q}c6+$ $\mathbb{Q}e5+$ 2. $\mathbb{Q}b5$ $\mathbb{Q}c6$ 3. $\mathbb{B}b4$ $\mathbb{Q}a7\#$

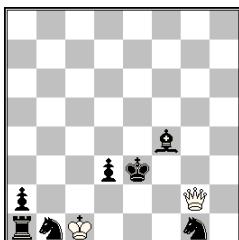
b)

1. $\mathbb{Q}e6+$ $\mathbb{Q}c5+$ 2. $\mathbb{Q}f5$ $\mathbb{Q}e6$ 3. $f6$ $\mathbb{Q}g7\#$

h#3 (4+4)

b) $\blacksquare a6 \rightarrow f7$

E005



1. $\mathbb{Q}a3+$ $\mathbb{Q}b2$ 2. $\mathbb{B}d1$ $\mathbb{Q}xg1+$ 3. $\mathbb{Q}d2$ $\mathbb{Q}f2\#$ (ideal mate)

1. $\mathbb{Q}d4+$ $\mathbb{Q}d1$ 2. $\mathbb{Q}c3$ $\mathbb{Q}e4$ 3. $\mathbb{Q}b2$ $\mathbb{Q}b4\#$ (ideal mate)

Minimal problem

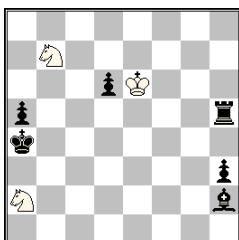
Ideal mates

Meredith

h#3 (2+7)

2.1...

E006



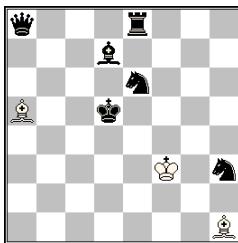
1. $\mathbb{Q}e5$ $\mathbb{Q}d5$ 2. $\mathbb{Q}b2+$ $\mathbb{Q}c4$ 3. $\mathbb{Q}a3$ $\mathbb{Q}c3\#$

1. $\mathbb{B}e5+$ $\mathbb{Q}xd6$ 2. $\mathbb{Q}e3+$ $\mathbb{Q}c6$ 3. $\mathbb{Q}a3$ $\mathbb{Q}c5\#$

h#3 (3+6)

2.1...

E007



h#3

(3+6)

b) ♜h3 → d3

c) ♜d7 → f7

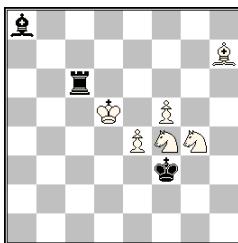
a)
 1. ♜d6+ ♛e3 2. ♜c7+ ♛d4 3. ♜e6 ♜b4#
 1. ♜c7? ♛e3??

b)
 1. ♜e5+ ♛g4 2. ♜d4+ ♛g5 3. ♜e6 ♜c7#
 1. ♜d4? ♛g4??

c)
 1. ♜d4+ ♛e2 2. ♜c5+ ♛d2 3. ♜c4 ♜c3#
 1. ♜c5? ♛e2??

3 discovered checks by BQ + 3 discovered checks by BRe6, 3x2 different WQ moves + 3x2 different self-blocks.

E008

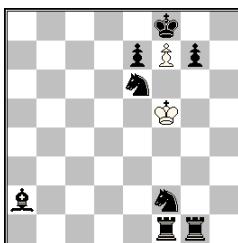


h#3

(6+3)

2.1...

E009



h#3

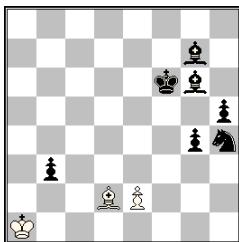
(2+8)

b) ♜f2 → f4

a)
 1. ♜g4+ ♛g6 2. ♜h6+ ♛h7 3. ♜g8 fxg8#

b)
 1. ♜d5+ ♛xe6 2. ♜c7+ ♛d7 3. ♜e8 fxe8#

E010



- a)
 1. ♕f5+ ♔b1 2. ♜f6 e3 3. ♕g5+ e4#
 b)
 1. ♜h7 f4 2. ♕g6+ ♔b1 3. ♜h6+ f5#

4 thematic checks

Change of the tactical moments in 1 and 2 black moves: (blocking, check

- check, blocking)

"Black-white and white-black" cover

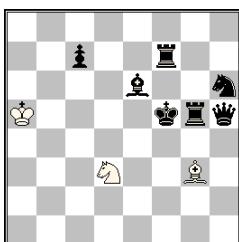
The black effect "departure- arrival"

Battery echo-model mates

Meredith

h#3 (3+7)
 b) ♜e2 → f2

E011



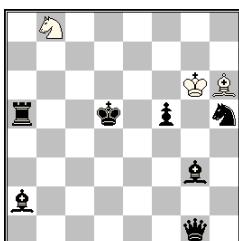
1. ♕f6+ ♔e5 A 2. ♜f5 ♜c6 A 3. ♜g6 ♔e5# B
 1. ♕g6+ ♔e5 B 2. ♜f5 ♜h8 B 3. ♜h7 ♔e5# A

Model mates

In one solution, a white piece **A** moves to e5 in the first move and leaves it immediately in the second move. The square e5 is used as mating square by another white piece **B**. In the other solution, the roles of **A** and **B** are reversed

h#3 (3+7)
 2.1...

E012

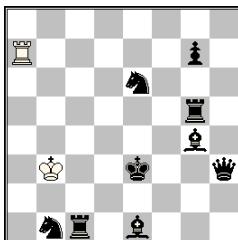


- a)
 1. ♜c7+ ♔xf5 2. ♕d6+ ♔e4 3. ♜e6 ♔f8#
 b)
 1. ♜e4+ ♔f7 2. ♕e5+ ♔e7 3. ♜d5 ♜c6#

Checks of black royal battery

h#3 (3+7)
 b) ♜g3

E013

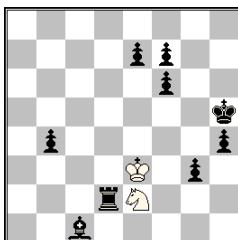


- a)
 1. $\mathbb{Q}d2+$ $\mathbb{Q}b4$ 2. $\mathbb{Q}c2+$ $\mathbb{Q}c4$ 3. $\mathbb{Q}d1$ $\mathbb{Q}a2\#$
 b)
 1. $\mathbb{Q}d4+$ $\mathbb{Q}a4$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}b5$ 3. $\mathbb{Q}ge5$ $\mathbb{Q}d7\#$
 c)
 1. $\mathbb{Q}e4+$ $\mathbb{Q}c4$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}d5$ 3. $g6$ $\mathbb{Q}f7\#$

h#3 (2+9)

- b) $\mathbb{Q}c1 \rightarrow e4$
 c) $\mathbb{Q}c1 \rightarrow f4$
-

E014



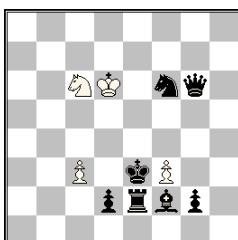
- a)
 1. $\mathbb{Q}d5+$ $\mathbb{Q}e4$ A ($\mathbb{Q}f3?$) 2. $\mathbb{Q}h6$ $\mathbb{Q}f3$ B 3. $\mathbb{Q}g5$ $\mathbb{Q}f4\#$
 b)
 1. $\mathbb{Q}d7+$ $\mathbb{Q}f3$ B ($\mathbb{Q}e4?$) 2. $\mathbb{Q}f4$ $\mathbb{Q}e4$ A 3. $\mathbb{Q}d6$ $\mathbb{Q}d4\#$

Thematic Battery check and Two different selfblocks in each solution
 Black Grimshaw
 White minimal, Meredith
 Tempo moves by white king and dual avoidance
 Reciprocal change of white moves in W1 & W2

h#3 (2+9)

- b) $\mathbb{Q}h5 \rightarrow e6$
-

E015

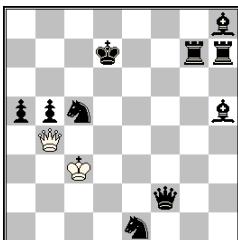


1. $\mathbb{Q}c2$ $\mathbb{Q}c5$ 2. $\mathbb{Q}d3+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}e3$ $\mathbb{Q}e5\#$
 1. $\mathbb{Q}g3+$ $\mathbb{Q}e6$ 2. $\mathbb{Q}xf3+$ $\mathbb{Q}f5$ 3. $\mathbb{Q}e3$ $\mathbb{Q}d4\#$

h#3 (4+7)

2.1...

E016



1. $\mathbb{Q}c8 \mathbb{Q}xa5$ (1... $\mathbb{Q}e4?$) 2. $\mathbb{B}c7+$ $\mathbb{Q}b4$ 3. $\mathbb{B}hd7 \mathbb{Q}a8\#$
 1. $\mathbb{Q}d8 \mathbb{Q}xb5$ (1... $\mathbb{Q}f4?$) 2. $\mathbb{B}d7+$ $\mathbb{Q}c4$ 3. $\mathbb{B}he7 \mathbb{Q}b8\#$
 1. $\mathbb{Q}e8 \mathbb{Q}xc5$ (1... $\mathbb{Q}g4?$) 2. $\mathbb{B}e7+$ $\mathbb{Q}b3$ 3. $\mathbb{B}hf7 \mathbb{Q}c8\#$

Echo

Model mates

Meredith

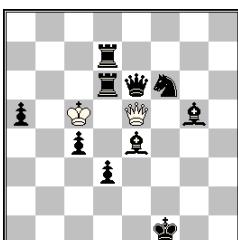
Choice of the White's first move

Minimal

h#3 (2+10)

3.1...

E017

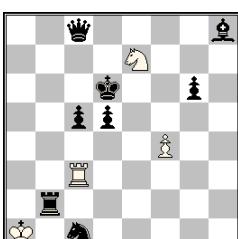


1. $\mathbb{Q}d5 \mathbb{Q}d4$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}e1 \mathbb{Q}a1\#$
 1. $\mathbb{Q}g4 \mathbb{Q}xc4$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}xd3$ 3. $\mathbb{Q}g1 \mathbb{Q}e2\#$

h#3 (2+10)

2.1...

E018



- a) 1. $\mathbb{Q}e6 \mathbb{Q}xc5$ 2. $\mathbb{B}b7+$ $\mathbb{Q}c3$ 3. $\mathbb{B}d7 \mathbb{Q}c8\#$
 b) 1. $\mathbb{Q}c6 \mathbb{Q}g3$ 2. $\mathbb{B}e2+$ $\mathbb{Q}g7$ 3. $\mathbb{Q}e6 \mathbb{Q}f5\#$
 c) 1. $\mathbb{Q}d7 \mathbb{Q}e3$ 2. $\mathbb{B}b6+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}c6 \mathbb{Q}b5\#$

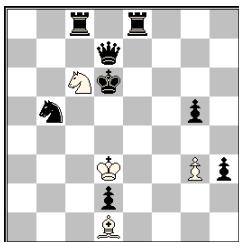
Meredith with cyclic black blocks

h#3 (4+8)

b) $\mathbb{Q}g6 \rightarrow c4$

c) $\mathbb{Q}e7 \rightarrow c7$

E019

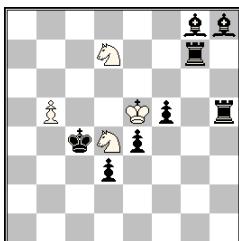


- a)
1. ♕e6+ ♔e2 2. ♕f5+ ♔e7+ 3. ♕g4 ♔f2#
 b)
1. ♕c5+ ♔c2 2. ♕b4+ ♔c6+ 3. ♕a4 ♔b2#

h#3 (4+8)

b) ♔c6 → e7

E020

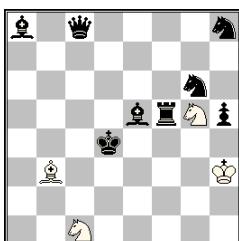


- a)
1. f4+ ♔f6 2. ♜c5 ♔f5 3. ♜d5 ♔b6#
 b)
1. ♜f7+ ♔f4 2. ♜c3 ♔b6+ 3. ♜d4 ♔e6#

h#3 (4+8)

b) ♔d4 → d8

E021



1. ♜f4+ ♔g3 2. ♜e4+ ♔f2 3. ♜c3 ♔e6#
 1. ♜f3+ ♔g2 2. ♜d3+ ♔f2 3. ♜c5 ♔e2#

Battery checks occur in the first and second moves in each phase
 March of W \hat{w} by different path

Creation of the 2nd battery by the 1st battery checking move
 Self-block on different squares by rear and front pieces of the first
 battery (B \hat{w} c8/B \hat{w} f5).

Exchange of functions of white knights (guarding piece/mating piece)

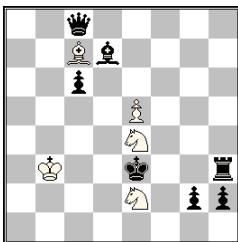
Model mates

Meredith

h#3 (4+8)

2.1...

E022



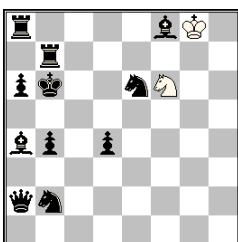
1. $\mathbb{Q}xe2+$ $\mathbb{Q}g3+$ 2. $\mathbb{Q}f2$ $\mathbb{Q}d6$ 3. $\mathbb{Q}g1$ $\mathbb{Q}c5\#$
 1. $\mathbb{Q}xe4+$ $\mathbb{Q}c3$ 2. $\mathbb{Q}d4$ $\mathbb{Q}b8$ 3. $\mathbb{Q}c5$ $\mathbb{Q}a7\#$

h#3

(5+7)

2.1...

E023



- a) 1. $\mathbb{Q}d6+$ $\mathbb{Q}e8$ 2. $\mathbb{Q}b8$ $\mathbb{Q}d6$ 3. $\mathbb{Q}a7$ $\mathbb{Q}c8\#$
 b) 1. $\mathbb{Q}c5+$ $\mathbb{Q}d5$ 2. $\mathbb{Q}b3$ $\mathbb{Q}xb6$ 3. $\mathbb{Q}a3$ $\mathbb{Q}c4\#$

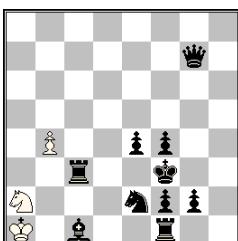
Mate from the thematic line
 Unpin with change of position of the battery
 Minimal problem

h#3

(2+11)

b) $\mathbb{Q}b6 \leftrightarrow \mathbb{Q}b2$

E024



- a)
 1. $\mathbb{Q}e3+$ $\mathbb{Q}c3$ 2. $\mathbb{Q}g4$ $\mathbb{Q}b5$ 3. $\mathbb{Q}g3$ $\mathbb{Q}d4\#$
 1. $\mathbb{Q}e3+?$ $\mathbb{Q}c1$ 2. $\mathbb{Q}~?$ (it cannot leave 1st rank) $\mathbb{Q}d3$ 3. $\mathbb{Q}g3$ $\mathbb{Q}e5??$
 b)
 1. $\mathbb{Q}e3+$ $\mathbb{Q}c1$ 2. $\mathbb{Q}f2$ $\mathbb{Q}d3$ 3. $\mathbb{Q}g3$ $\mathbb{Q}e5\#$
 1. $\mathbb{Q}e3+?$ $\mathbb{Q}c3$ 2. $\mathbb{Q}g3$ $\mathbb{Q}b5$ 3. $\mathbb{Q}f2$ $\mathbb{Q}d4+?$ 4. $\mathbb{Q}xd4!$

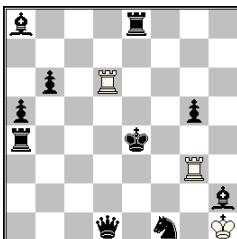
Chernous Theme
 Black-white Umnov in both variations
 Both mates are model
 Good harmony, simple twin
 Dual avoidance
 W $\mathbb{Q}b4$ is a cookstopper in both solutions

h#3

(3+10)

b) - $\mathbb{Q}f2$

E025

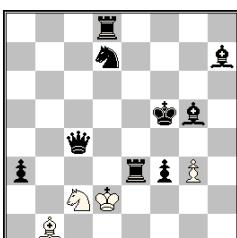


1. $\mathbb{Q}f4+$ $\mathbb{Q}d5$ 2. $\mathbb{Q}e3$ $\mathbb{Q}gxg5$ 3. $\mathbb{Q}ae4$ $\mathbb{Q}df5\#$
 1. $\mathbb{Q}e5+$ $\mathbb{Q}f3$ 2. $\mathbb{Q}e4$ $\mathbb{Q}df6$ 3. $\mathbb{Q}d4$ $\mathbb{Q}3f5\#$
 1. $\mathbb{Q}f5+$ $\mathbb{Q}g2$ 2. $\mathbb{Q}f4$ $\mathbb{Q}g6$ 3. $\mathbb{Q}ee4$ $\mathbb{Q}2xg5\#$

Anti-Holzhausen, echoes

h#3 (3+10)
3.1...

E026

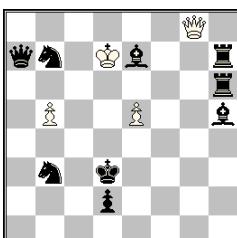


1. $\mathbb{Q}f6+?$ $\mathbb{Q}c1$ 2. $\mathbb{Q}e6??$ 3. $\mathbb{Q}e5+$ $\mathbb{Q}e3\#$
 1. $\mathbb{Q}e6$ $\mathbb{Q}d1!$ ($\mathbb{Q}c1?$) 2. $\mathbb{Q}f6+a$ ($\mathbb{Q}e5?$) $\mathbb{Q}c1$ 3. $\mathbb{Q}e5+b$ $\mathbb{Q}e3\#$
 1. $\mathbb{Q}e5+?$ $\mathbb{Q}d1$ 2. $\mathbb{Q}g4??$ 3. $\mathbb{Q}f6+$ $\mathbb{Q}d4\#$
 1. $\mathbb{Q}g4$ $\mathbb{Q}c1!$ ($\mathbb{Q}d1?$) 2. $\mathbb{Q}e5+b$ ($\mathbb{Q}f6?$) $\mathbb{Q}d1$ 3. $\mathbb{Q}f6+a$ $\mathbb{Q}d4\#$

Play of two black batteries
 Tempo-tries
 The choice of tempo move
 Reciprocal change of the black 2nd and 3rd moves
 Model mates

h#3 (4+9)
2.1...

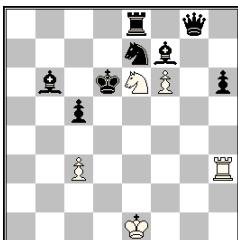
E027



1. $\mathbb{Q}d6+$ $\mathbb{Q}c6$ 2. $\mathbb{Q}xb5+$ $\mathbb{Q}xb5$ 3. $\mathbb{Q}e3$ $\mathbb{Q}c4\#$
 1. $\mathbb{Q}f6+$ $\mathbb{Q}e6$ 2. $\mathbb{Q}xe5+$ $\mathbb{Q}xe5$ 3. $\mathbb{Q}e2$ $\mathbb{Q}xb3\#$

h#3 (4+9)
2.1...

E028



1.c4 ♜g5 2.♔c5 ♛h5 3.♘c6+ ♜e4#
1.♔d7 ♘d4 2.♔d8 ♛d3 3.♘c8+ ♜e6#

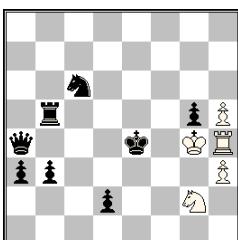
Model mates

h#3

(5+8)

2.1...

E029



a) Diagram

1.♔d5+ ♔f5 2.♕b4 ♛c4 3.♕d6 ♜e3#

b) ♜g2→g1

1.♔e5+ ♔xg5 2.♕c4 ♛d4 3.♕e6 ♜f3#

c)=b) + ♛b4

1.♔e3+ ♔g3 2.♕e4 ♛f4 3.♕d4 ♛f3#

d)=c) ♜g1→a1

1.♔d3+ ♔f3 2.♕d4 ♛e4 3.♕c4 ♛e3#

h#3

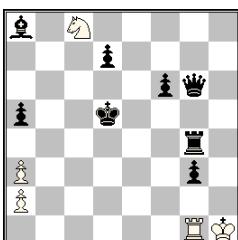
(5+8)

See solution

Helpmate of the future with 2 connected pairs of solutions a+b/c+d.

Mating moves are ♜e3/♜f3 in a/b and ♛f3/♛e3 in c/d

E030



1.♔e4 ♛e1+ 2.♔f5+ ♛e4 3.♕g5 ♜d6#

1.♕c2 ♛d1+ 2.♔c4+ ♛d5 3.♕c3 ♜b6#

1.♔c6 ♛c1+ 2.♔b5+ ♛c6 3.♕a4 ♜a7#

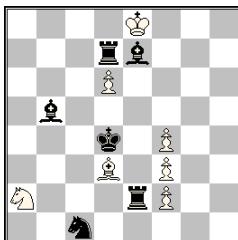
1.♕f5 ♛b1 2.♔e6+ ♛b7 3.♕d5 ♛e7#

h#3

(5+8)

4.1...

E031



1. $\blacksquare d6+$ $\blacksquare xb5$ 2. $\blacksquare d5$ $\blacksquare xc1$ 3. $\blacksquare c5+$ $\blacksquare xe2\#$
 1. $\blacksquare d6+$ $\blacksquare xe2$ 2. $\blacksquare c5$ $\blacksquare c3$ 3. $\blacksquare d5+$ $\blacksquare xb5\#$

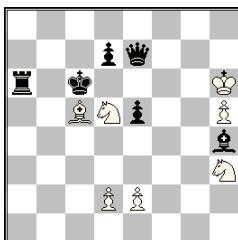
Battery checks occur in the first and third moves in each phase
 Self-block by front pieces, with reciprocal gate-opening annihilation
 Rear pieces captured by exchanged white pieces
 Model mates

h#3

(7+6)

2.1...

E032



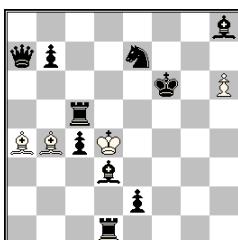
1. $\blacksquare xc5+$ $\blacksquare b6$ 2. $\blacksquare d4$ $\blacksquare f2$ 3. $\blacksquare c5 e3\#$
 1. $\blacksquare xd5+$ $\blacksquare b6$ 2. $\blacksquare e4$ $\blacksquare g6$ 3. $d5 d3\#$

h#3

(7+6)

2.1...

E033



- a)
 1. $\blacksquare h7+$ $\blacksquare d2$ 2. $\blacksquare g6+$ $\blacksquare e4$ 3. $\blacksquare f6$ $\blacksquare e8\#$
 b)
 1. $\blacksquare g5+$ $\blacksquare b6+$ 2. $\blacksquare f5+$ $\blacksquare e3$ 3. $\blacksquare e5$ $\blacksquare d7\#$

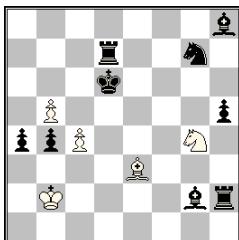
2x2 thematic moves

h#3

(4+10)

b) $\blacksquare b4$

E034



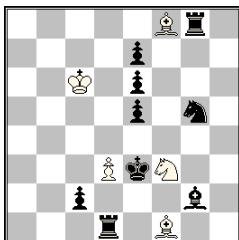
1. $\mathbb{Q}e6+$ $\mathbb{Q}e5$ 2. $\mathbb{Q}f6$ $\mathbb{Q}b6$ 3. $\mathbb{Q}e7$ $\mathbb{Q}f7\#$
1. $\mathbb{Q}c6+$ $\mathbb{Q}d2$ 2. $\mathbb{Q}e2$ $b6$ 3. $\mathbb{Q}e6$ $\mathbb{Q}xb4\#$

h#3

(5+9)

2.1...

E035



- 1.e4 $\mathbb{Q}e5$ 2. $\mathbb{Q}d4$ $\mathbb{Q}g7$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}f3\#$
1. $\mathbb{Q}e4$ $\mathbb{Q}g5$ 2. $\mathbb{Q}d2$ $\mathbb{Q}h6$ 3. $\mathbb{Q}c3+$ $\mathbb{Q}f3\#$

Black interference

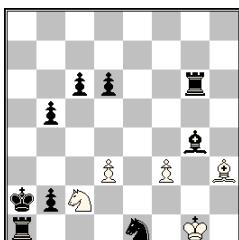
The first move of white to the initial square of the first move of black
Switchback of white knight in mating move

h#3

(5+9)

2.1...

E036



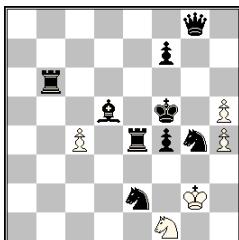
1. $\mathbb{Q}xd3+$ $\mathbb{Q}f1$ 2. $\mathbb{Q}e1$ $\mathbb{Q}xb5$ 3. $\mathbb{Q}b1$ $\mathbb{Q}c4\#$
1. $\mathbb{Q}xf3+$ $\mathbb{Q}g2$ 2. $\mathbb{Q}g4$ $\mathbb{Q}xc6$ 3. $\mathbb{Q}b1$ $\mathbb{Q}d5\#$

h#3

(5+9)

2.1...

E037



- 1.f6 ♜h2 2.♘e5+ ♜g4 3.♕e6 ♜h6#
1.♖f6 ♜d2 2.♗e5+ ♜e4 3.♗e6 ♜d6#

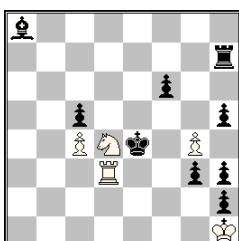
All blockings are in pairs identical (play on same square- thematic battery piece block same square e5, piece of direct unpin block same square e6

Effect "departure-arrival"

h#3 (5+9)

2.1...

E038

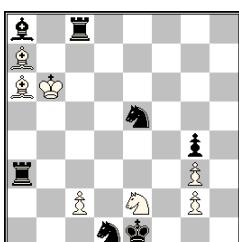


- 1.♔f4+ ♛f3+ 2.♗xg4 ♜e6 3.♕b7 ♛f4#
1.♔e5+ ♜c6+ 2.♔e6 ♛d5 3.♕e7 ♛d8#

h#3 (5+9)

2.1...

E039



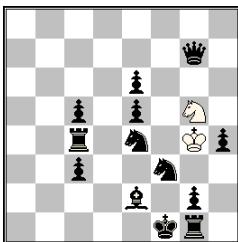
- 1.♖xg2 ♜f4 2.♘f3 (♘c4?) ♔b7 3.♘d2+ ♜xg2#
1.♖xc2 ♜d4 2.♘c4+ (♘f3?) ♔c7 3.♘d2+ ♜xc2#

Dynamic creation of two different black batteries
Black Indian

h#3 (7+7)

2.1...

E040



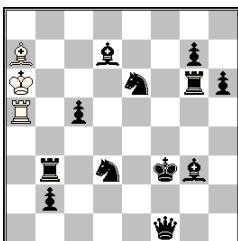
1. $\mathbb{Q}e1+$ $\mathbb{Q}xh4$ 2. $\mathbb{Q}f2+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}g4$ $\mathbb{Q}g3\#$
 1. $\mathbb{Q}f2+$ $\mathbb{Q}h5$ 2. $\mathbb{Q}e1+$ $\mathbb{Q}f3$ 3. $\mathbb{Q}g4$ $\mathbb{Q}h2\#$

Fourfold rendering of the theme
White minimal

$h\#3$ (2+13)

2.1...

E041

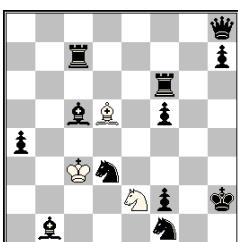


- a)
 1. $\mathbb{Q}f2$ $\mathbb{Q}xc5$ 2. $\mathbb{Q}e1+$ $\mathbb{Q}a5$ 3. $\mathbb{Q}f3$ $\mathbb{Q}c2\#$
 b)
 1. $\mathbb{Q}g5$ $\mathbb{Q}xc5$ 2. $\mathbb{Q}ef4+$ $\mathbb{Q}a7$ 3. $\mathbb{Q}g4$ $\mathbb{Q}e7\#$

$h\#3$ (3+12)

b) $\mathbb{Q}f3 \rightarrow g4$

E042

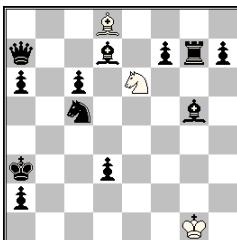


1. $\mathbb{Q}d6+$ $\mathbb{Q}c4$ ($\mathbb{Q}d4?$) 2. $\mathbb{Q}h1$ $\mathbb{Q}d4$ 3. $\mathbb{Q}h2$ $\mathbb{Q}d5\#$
 1. $\mathbb{Q}h6+$ $\mathbb{Q}d4$ ($\mathbb{Q}c4?$) 2. $\mathbb{Q}g1$ $\mathbb{Q}c4$ 3. $\mathbb{Q}h2$ $\mathbb{Q}e2\#$

$h\#3$ (3+12)

2.1...

E043



a)
1. ♜d2+ ♛g5 2. ♜b4 ♖xc5 3. ♜g4 ♛c1#

b)
1. ♜b3+ ♖d4 2. c5 ♛f6 3. ♜a4 ♖c2#

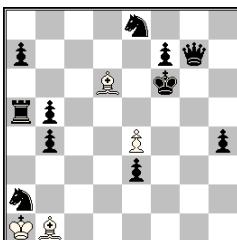
With pinnings and unpinnings



h#3 (3+12)

b) ♜d3 → d2

E044



a) Diagram

1. ♜e6+ e5 2. f5 ♛c2 3. ♜d7 ♛b3#

b) ♜e8 → e6

1. ♜c3+ ♛b2 2. ♜d5 ♛f4 3. ♜e7 e5#

c) ♜b5 → h3

1. ♜g5+ ♛e5 2. ♜g4 ♛d3 3. ♜g5 ♛e2#

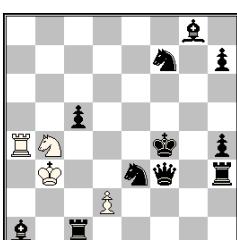
d) ♜b1 → f5

1. ♜c1+ ♛b1 2. ♜d3 ♛c7 3. ♜e5 ♛d8#

h#3 (4+11)

See solution

E045



a)

1. ♜g3 (♖g5+?) ♛a2 A (♕a3?) 2. ♜g5+ a ♛a3 B 3. ♜f5+ b ♛d3#

b)

1. ♜e5 (♖f5+?) ♛a3 B (♕a2?) 2. ♜f5+ b ♛a2 A 3. ♜g5+ a ♛d5#

Battery checks occur in the second and third moves in each phase

Successive exposure of W^W to check at W1& W2

Paradoxical tempo W1 moves along the checking line

Exchange of W1-W2 moves

Exchange of B2-B3 moves

Self-blocks at B1-B2-B3

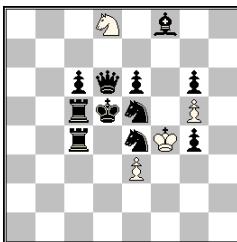
Crosscheck mates

Model mates

h#3 (4+11)

b) ♜d2 → h2

E046



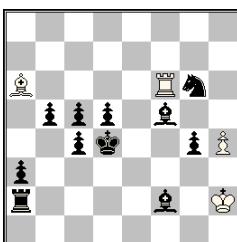
1. $\mathbb{Q}d2+$ $\mathbb{Q}g3$ 2. $\mathbb{R}e4$ $\mathbb{Q}xc6$ 3. $\mathbb{Q}dc4$ $\mathbb{Q}b4\#$
 1. $\mathbb{Q}f7+$ $\mathbb{Q}xg4$ 2. $\mathbb{R}e5$ $\mathbb{Q}xe6$ 3. $\mathbb{Q}fd6$ $\mathbb{Q}c7\#$

Platzwechsel by the two black battery pieces in each solution

h#3 (4+11)

2.1...

E047

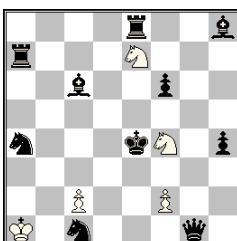


- a) 1. c3 $\mathbb{R}b6$ 2. $\mathbb{Q}c4$ $\mathbb{R}xb5$ 3. $\mathbb{Q}d4+$ $\mathbb{R}b2\#$
 b) 1. $\mathbb{Q}f4$ $\mathbb{Q}c8$ 2. $\mathbb{Q}e5$ $\mathbb{Q}xf5$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}c2\#$

h#3 (4+11)

b) $\mathbb{Q}d4 \rightarrow e5$

E048



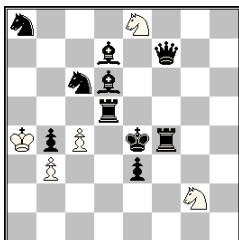
- a) 1. $\mathbb{Q}c5+$ $\mathbb{Q}b2$ 2. $\mathbb{Q}1d3+$ $cxd3+$ 3. $\mathbb{Q}d4$ $\mathbb{Q}xc6\#$
 b) 1. $\mathbb{Q}d3+$ $\mathbb{Q}a2$ 2. f5 $\mathbb{Q}eg6$ 3. $\mathbb{Q}d4$ $cxd3\#$
 c) 1. f5+ $\mathbb{Q}b1$ 2. $\mathbb{Q}d4$ $\mathbb{Q}ed5$ 3. $\mathbb{Q}e5$ f3#

h#3 (5+10)

b) $\mathbb{Q}c6 \rightarrow f3$

c) $\mathbb{Q}c2 \rightarrow g2$

E049



a)

1. $\mathbb{Q}e5?$ $\mathbb{Q}e1$ 2. $\mathbb{Q}d4$ $\mathbb{Q}xd6\#$? white is in mate
1. $\mathbb{Q}c8?$ $\mathbb{Q}e1$ 2. $\mathbb{Q}d4??$ 3. $\mathbb{Q}e5$ $\mathbb{Q}d6\#$, but White is in zugzwang
1. $\mathbb{Q}d4?$ $\mathbb{Q}e1$ 2. $\mathbb{Q}e5+\mathbb{Q}a53.??\mathbb{Q}d6\#$? 4. $\mathbb{Q}xd6!$
1. $\mathbb{Q}c5!$ $\mathbb{Q}e1$ 2. $\mathbb{Q}d4+\mathbb{Q}xb4$ 3. $\mathbb{Q}e5+\mathbb{Q}xd6\#$

b)

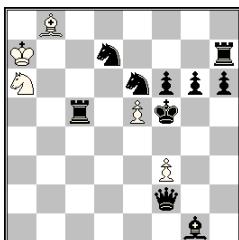
1. $\mathbb{Q}e7?$ $\mathbb{Q}xe3$ 2. $\mathbb{Q}e5$ $cx d5\#$? white is in mate
1. $\mathbb{Q}e7?$ $\mathbb{Q}xe3$ 2. $\mathbb{Q}f7??$ 3. $\mathbb{Q}e5$ $cx d5\#$, but White is in zugzwang
1. $\mathbb{Q}e5?$ $\mathbb{Q}xe3$ 2. $\mathbb{Q}e7+\mathbb{Q}xb4$ 3. $??\mathbb{Q}xd5\#$? 4. $\mathbb{Q}xd5!$
1. $\mathbb{Q}c5!$ $\mathbb{Q}xe3$ 2. $\mathbb{Q}e5+\mathbb{Q}a5$ 3. $\mathbb{Q}e7+\mathbb{Q}xd5\#$

h#3 (5+10)

b) $\mathbb{Q}e4 \rightarrow e6$

Two cross checks in each solution, zugzwang tries, black Grimshaw, and Zig-Zag ($\mathbb{Q}d6-c5-e7$ and $\mathbb{Q}d5-c5-e5$)

E050



1. $\mathbb{Q}xe5+$ $\mathbb{Q}c5$ 2. $\mathbb{Q}e3$ ($\mathbb{Q}c5?$) $\mathbb{Q}b3$ 3. $\mathbb{Q}g5$ ($g5?$) $\mathbb{Q}d4\#$
1. $\mathbb{Q}xe5+$ $\mathbb{Q}c7$ 2. $\mathbb{Q}f7$ ($\mathbb{Q}d7?$) $\mathbb{Q}d5$ 3. $g5$ ($\mathbb{Q}g5?$) $\mathbb{Q}e7\#$

Different battery checks on e5

Pin and unpin of W \mathbb{Q} and mates on the pin-line (after black interference) by the same knight

Dual avoidance in B2 and B3 moves

Self interference of black by the thematic checking pieces

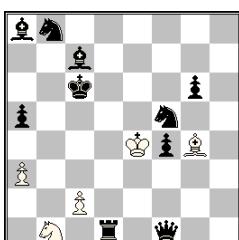
Line clearances for W \mathbb{Q}

Different self-blocks on g5

h#3 (5+10)

2.1...

E051



a)

1. $\mathbb{Q}a6$ $\mathbb{Q}xd1$ 2. $\mathbb{Q}b5+$ $\mathbb{Q}d3$ 3. $\mathbb{Q}a4+\mathbb{Q}c4\#$

b)

1. $\mathbb{Q}d8$ $\mathbb{Q}xf5$ 2. $\mathbb{Q}d7+\mathbb{Q}d4$ 3. $\mathbb{Q}c8+\mathbb{Q}d6\#$

Black Indian, cross-checks, royal battery, black batteries, white battery, model mates & critical moves

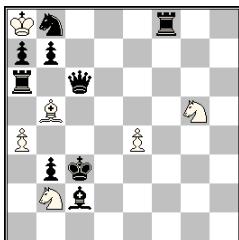
The black royal batteries fire twice in each phase. The first battery is set in the diagram position, but the second is built during the solution, with long critical moves by the pieces that will become the rear pieces of the subsequent batteries

Cross-check mates are given by the white batteries that are also created during the solution

h#3 (5+10)

b) $\mathbb{Q}b1 \rightarrow e3$

E052



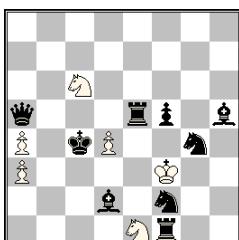
1. $\mathbb{Q}xa4 \mathbb{Q}f3$ 2. $\mathbb{Q}a6+ \mathbb{Q}xa7$ 3. $\mathbb{Q}b4+ \mathbb{Q}xa4\#$
 1. $\mathbb{Q}xe4 \mathbb{Q}d3$ 2. $\mathbb{Q}c6+ \mathbb{Q}xb7$ 3. $\mathbb{Q}d4+ \mathbb{Q}xe4\#$

Fourfold rendering of the theme
 Umnov moves
 Enabling white king moves by line closings

h#3 (6+9)

2.1...

E053



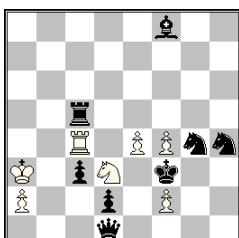
- a)
 1. $\mathbb{Q}e3+$ (1. $\mathbb{Q}f6+?$ $\mathbb{Q}f4?$) $\mathbb{Q}f4$ 2. $\mathbb{Q}d5++$ (2. $\mathbb{Q}ed1+?$ $\mathbb{Q}xe5?$) $\mathbb{Q}xe5$
 3. $\mathbb{Q}c3+$ (3. $\mathbb{Q}b4+?$ $\mathbb{Q}c3?$) $\mathbb{Q}xa5\#$
 b)
 1. $\mathbb{Q}e4+$ (1. $\mathbb{Q}d1+?$ $\mathbb{Q}e2?$) $\mathbb{Q}e2$ 2. $\mathbb{Q}c3++$ (2. $\mathbb{Q}ef6+?$ $\mathbb{Q}xd2?$) $\mathbb{Q}xd2$
 3. $\mathbb{Q}d5+$ (3. $\mathbb{Q}b5+?$ $\mathbb{Q}d5?$) $\mathbb{Q}bxa5\#$

6 cross checks, 6 line closures and 4 batteries are created and executed during the solutions. Two 2-direction line closure: in a) the move 2. $\mathbb{Q}d5+$ closes a5-e5 and allows capture of b \mathbb{Q} ($\mathbb{Q}xe5$) and in b) the move 3. $\mathbb{Q}d5+$ closes e5-a5 and allows capture of b \mathbb{Q} . Similar strategy appears on the line d2-a5

h#3 (6+9)

b) $\mathbb{Q}e1 \rightarrow b7$

E054



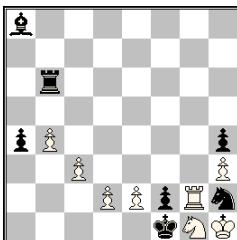
1. $\mathbb{Q}f5+ \mathbb{Q}c5$ 2. $\mathbb{Q}xe4 \mathbb{Q}b4$ 3. $\mathbb{Q}f3$ ($\mathbb{Q}f3?$) $\mathbb{Q}c4\#$
 1. $\mathbb{Q}g5+ \mathbb{Q}c5$ 2. $\mathbb{Q}xf4 \mathbb{Q}b4$ 3. $\mathbb{Q}f3$ ($\mathbb{Q}f3?$) $\mathbb{Q}d3\#$

Distant self-blocks on guarded squares (B1)
 Umnov on the same squares c5 (W1)
 Exchanged roles of WPs (B2)
 Unpins on the same square b4 (W2)
 Anti-dual self-blocks on the same square f3 (B3)
 Switchback
 Model mates (W3)
 Checks determining pin-unpin strategy

h#3 (7+8)

2.1...

E055



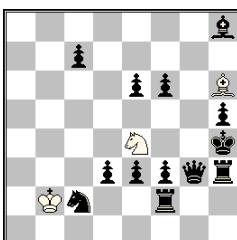
1. $\mathbb{Q}f3 \mathbb{Q}g5$ 2. $\mathbb{Q}xd2+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}e4 \mathbb{Q}d1\#$
 1. $\mathbb{Q}b7 \mathbb{Q}g7$ 2. $\mathbb{Q}xb4+$ $\mathbb{Q}b7$ 3. $\mathbb{Q}e4 \mathbb{Q}b1\#$
 1. $\mathbb{Q}c6 \mathbb{Q}g6$ 2. $\mathbb{Q}xc3+$ $\mathbb{Q}c6$ 3. $\mathbb{Q}f3 \mathbb{Q}c1\#$

Unpin-Pin-Unpin combination

h#3 (8+7)

3.1...

E056



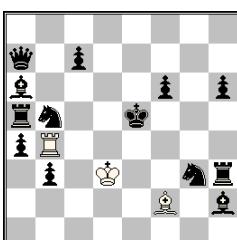
- a)
 1. $\mathbb{Q}g7 \mathbb{Q}g5$ 2. $\mathbb{fxg5+}$ $\mathbb{xg7}$ 3. $g4 \mathbb{Q}f6\#$
 b)
 1. $\mathbb{Q}d2 \mathbb{Q}xe3$ 2. $\mathbb{Q}xe3+$ $\mathbb{Q}xd2$ 3. $\mathbb{Q}g4 \mathbb{Q}xf3\#$

Zilahi
 Exchanged functions of white pieces

h#3 (3+13)

b) $\mathbb{Q}g3 \leftrightarrow \mathbb{Q}h5$

E057

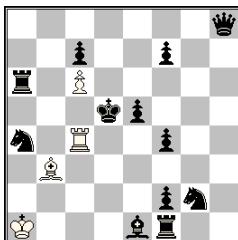


- a)
 1. $\mathbb{Q}b7 \mathbb{Q}f4$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}g3$ 3. $\mathbb{Q}d5 \mathbb{Q}e4\#$
 b)
 1. $\mathbb{Q}h4 \mathbb{Q}c5$ 2. $\mathbb{Q}d6+$ $\mathbb{Q}b5$ 3. $\mathbb{Q}f4 \mathbb{Q}d4\#$

h#3 (3+13)

b) $\mathbb{Q}f6 \rightarrow e6$

E058



1. $\mathbb{Q}c5+$ $\mathbb{Q}b2$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}xc3$ 3. $\mathbb{Q}xc6$ $\mathbb{Q}d4\#$
 1. $\mathbb{Q}b4+$ $\mathbb{Q}d1$ 2. $\mathbb{Q}e1$ $\mathbb{Q}h5$ 3. $\mathbb{Q}d6$ $\mathbb{Q}xf7\#$
 1. $e4+$ $\mathbb{Q}d4+$ 2. $\mathbb{Q}e5$ $\mathbb{Q}xf7$ 3. $\mathbb{Q}f6$ $\mathbb{Q}d5\#$

White and black batteries

Self-blocks by the first or by both the battery pieces

Black sacrifices

Model mates

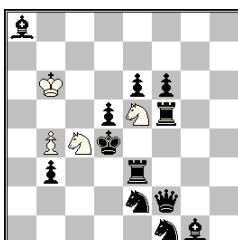
Chernous

h#3

(4+12)

3.1...

E059



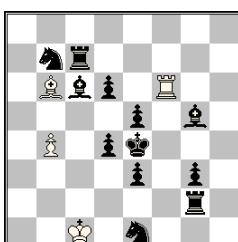
1. $\mathbb{Q}c3$ $\mathbb{Q}d3$ 2. $\mathbb{Q}xc4+$ $\mathbb{Q}a5$ 3. $\mathbb{Q}d4$ ($\mathbb{Q}d4?$) $\mathbb{Q}b2\#$
 1. $\mathbb{Q}e4$ $\mathbb{Q}b2$ 2. $\mathbb{Q}xe5+$ $\mathbb{Q}c7$ 3. $\mathbb{Q}d4$ ($\mathbb{Q}d4?$) $\mathbb{Q}d3\#$

h#3

(4+12)

2.1...

E060



- a)
 1. $e2+$ $\mathbb{Q}f4+$ 2. $\mathbb{Q}e3$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}f2+$ $\mathbb{Q}f4\#$
 b)
 1. $\mathbb{Q}b5+$ $\mathbb{Q}c5$ 2. $\mathbb{Q}c6$ $\mathbb{Q}xd6$ 3. $\mathbb{Q}b6+$ $\mathbb{Q}c5\#$

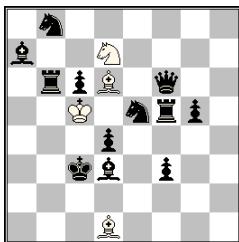
In each phase a set battery fires so that Black can replace the firing unit with his \mathbb{Q} , which then moves to fire the battery again

h#3

(4+12)

b) $\mathbb{Q}e4 \rightarrow d5$

E061



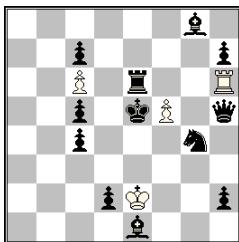
1. $\mathbb{Q}c4+$ $\mathbb{Q}e5$ 2. $\mathbb{Q}d2$ $\mathbb{Q}xf6$ 3. $\mathbb{Q}xf6$ $\mathbb{Q}xd4\#$
 1. $\mathbb{B}b2+$ $\mathbb{Q}b6$ 2. $\mathbb{Q}d2$ $\mathbb{Q}xb8$ 3. $\mathbb{Q}xb8$ $\mathbb{Q}a4\#$

Decoy

h#3 (4+12)

2.1...

E062



- a)
 1. $\mathbb{Q}d6+$ $\mathbb{Q}f3$ 2. $\mathbb{Q}e5++$ $\mathbb{Q}e4$ 3. $\mathbb{Q}f7+$ $\mathbb{Q}xe6\#$
 b)
 1. $\mathbb{Q}h3+$ $\mathbb{Q}e3$ 2. $\mathbb{Q}g4++$ $\mathbb{Q}f3$ 3. $\mathbb{Q}f2+$ $\mathbb{Q}xh5\#$

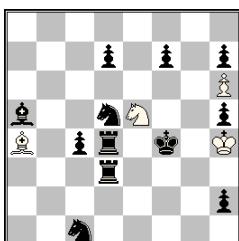
Task: only thematic black moves

Thematic twins

h#3 (4+12)

b) $\mathbb{Q}e5 \leftrightarrow \mathbb{Q}g4$

E063



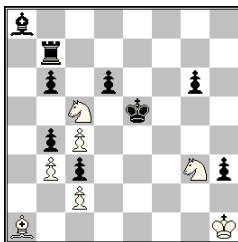
- a) Diagram
 1. $\mathbb{Q}f5+$ $\mathbb{Q}g4$ 2. $\mathbb{Q}g6$ $\mathbb{Q}xd7$ 3. f5 $\mathbb{Q}e8\#$
- b) $\mathbb{Q}e5 \rightarrow c5$
 1. $\mathbb{Q}e3+$ $\mathbb{Q}g3$ 2. $\mathbb{Q}d2+$ $\mathbb{Q}f2$ 3. $\mathbb{Q}e4$ $\mathbb{Q}xe4\#$
- c) =b) $\mathbb{Q}d3 \leftrightarrow \mathbb{Q}d5$
 1. $\mathbb{Q}e5+$ $\mathbb{Q}g5$ 2. $\mathbb{Q}d6+$ $\mathbb{Q}f6$ 3. $\mathbb{Q}c7$ $\mathbb{Q}b7\#$
- d) =c) $\mathbb{Q}a5 \rightarrow g1$
 1. $\mathbb{Q}f3+$ $\mathbb{Q}e4$ 2. $\mathbb{Q}g2$ $\mathbb{Q}d1$ 3. $\mathbb{Q}h1$ $\mathbb{Q}f3\#$

h#3 (4+12)

See solution

Helpmate of the future with 2 connected pairs of solutions **a+d/b+c**

E064



a)

1. $\blacksquare f7+$ $\triangleleft g e 4$ ($\triangleleft e 2?$) 2. $\blacksquare f 3!$ ($\blacksquare f 5?$) $\triangleleft x c 3$ 3. $\blacksquare f 5+$ $\triangleleft d 5 \#$ ($\triangleleft e 2??$)

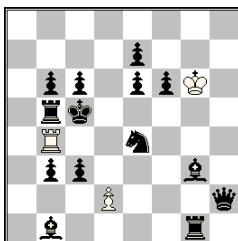
b)

1. $\blacksquare c 7+$ ($\blacksquare e 7+?$) $\triangleleft c e 4$ ($\triangleleft a 4?$) 2. $\blacksquare c 6$ $\triangleleft x c 3$ 3. $\blacksquare e 6+$ $\triangleleft c e 4 \#$ ($\triangleleft b 5??$)

h#3 (7+9)

b) $\spadesuit d 6 \rightarrow f 4$

E065



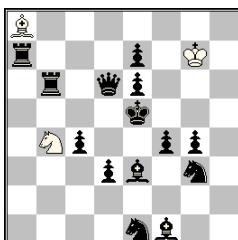
1. $\triangleleft d 6+$ $\triangleleft g 7$ 2. $\triangleleft e 4$ $\blacksquare a 4$ 3. $\triangleleft d 5$ $d 4 \#$

1. $\triangleleft d 6+$ $\triangleleft f 7$ 2. $\triangleleft g 5$ $d 3$ 3. $\triangleleft d 5$ $\triangleleft c 4 \#$

h#3 (3+14)

2.1...

E066



a)

1. $\triangleleft d 4$ $\triangleleft d 5$ 2. $\triangleleft e 4+$ $\triangleleft g 6$ 3. $e 5+$ $\triangleleft f 6 \#$

b)

1. $\triangleleft d 4$ $\triangleleft c 6+$ 2. $\triangleleft d 5+$ $\triangleleft f 7$ 3. $e 5+$ $\triangleleft e 7 \#$

Black & White battery creation

Two pairs of self-blocks on d4&e5

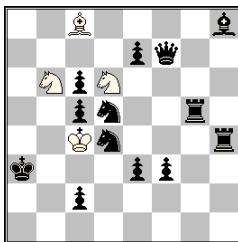
Cross-check

2 pairs of thematic moves

h#3 (3+14)

b) $\spadesuit e 6 \rightarrow c 5$

E067



a)

1. $\mathbb{Q}f6+$ (1... $\mathbb{Q}5\sim+?$) $\mathbb{Q}c3$ 2. $\mathbb{Q}a2$ $\mathbb{Q}g4$ ($\mathbb{Q}\sim?$) 3. $\mathbb{Q}b3$ $\mathbb{Q}dc4\#$

b)

1. $\mathbb{Q}f5+$ (1... $\mathbb{Q}4\sim+?$) $\mathbb{Q}xc5$ 2. $\mathbb{Q}a4$ $\mathbb{Q}e6$ ($\mathbb{Q}\sim?$) 3. $\mathbb{Q}b4$ $\mathbb{Q}c4\#$

First black moves show theme + "anti-theme" - anticipatory battery destruction in order to avoid cross-check in the last move

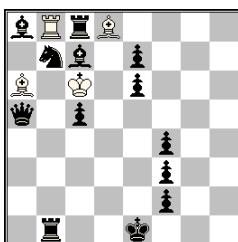
Critical black moves

Anticipatory line closures in W2

h#3 (4+13)

b) $\mathbb{Q}d6 \rightarrow c1$

E068



1. $\mathbb{Q}d6+$ $\mathbb{Q}d7$ 2. $\mathbb{Q}d1$ $\mathbb{Q}b1$ 3. $\mathbb{Q}b8$ $\mathbb{Q}xa5\#$

1. $\mathbb{Q}d6+$ $\mathbb{Q}d7$ 2. $\mathbb{Q}d2$ $\mathbb{Q}a5$ 3. $\mathbb{Q}d8$ $\mathbb{Q}xb1\#$

Exchange of functions between the following piece pairs:

$\mathbb{B}^{\mathbb{Q}}$ and $\mathbb{B}^{\mathbb{Q}}b1$, $\mathbb{B}^{\mathbb{Q}}$ and $\mathbb{B}^{\mathbb{Q}}c7$, $\mathbb{W}^{\mathbb{Q}}$ and $\mathbb{W}^{\mathbb{Q}}d8$

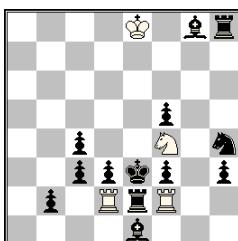
Umnov moves

Pin mates

h#3 (4+13)

2.1...

E069



1. $\mathbb{Q}xd2+$ $\mathbb{Q}xe2$ 2. $\mathbb{Q}c2$ $\mathbb{Q}f1$ 3. $\mathbb{Q}d2$ $\mathbb{Q}d4\#$

1. $\mathbb{Q}xf2+$ $\mathbb{Q}xe2+$ 2. $\mathbb{Q}f1$ $\mathbb{Q}h2$ 3. $f2$ $\mathbb{Q}h1\#$

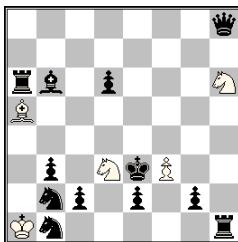
1. $\mathbb{Q}xf4+$ $\mathbb{Q}fxe2$ 2. $\mathbb{Q}g3$ $\mathbb{Q}e5$ 3. $f4$ $\mathbb{Q}g5\#$

Cyclic Zilahi, line opening, black-black FML, no white pawns

h#3 (4+13)

3.1...

E070



a)

1. $\mathbb{Q}a3+$ $\mathbb{Q}e1$ ($\mathbb{Q}e5?$) 2. $\mathbb{Q}d3+$ $\mathbb{Q}c3$ 3. $\mathbb{Q}f4$ $\mathbb{Q}g4\#$

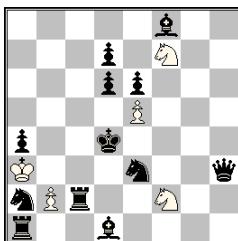
b)

1. $\mathbb{Q}a4+$ $\mathbb{Q}e5$ 2. $\mathbb{Q}d3+$ $\mathbb{Q}e1$ ($\mathbb{Q}c3?$) 3. $\mathbb{Q}f4$ $\mathbb{Q}f5\#$

h#3 (5+12)

b) $\mathbb{N}b1 \rightarrow e1$

E071



1. $\mathbb{Q}c5$ exd6 2. $\mathbb{Q}c3+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}d5$ bxc3#

1. $dxe5+$ b4 2. d5 $\mathbb{Q}d6$ 3. $\mathbb{Q}c4$ $\mathbb{Q}b5\#$

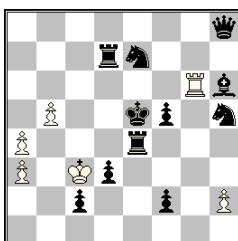
1. $\mathbb{Q}f5+$ b3 2. $\mathbb{Q}c3$ $\mathbb{Q}g5$ 3. $\mathbb{Q}d4$ $\mathbb{Q}ge4\#$

Model mates

h#3 (5+12)

3.1...

E072



1. $\mathbb{Q}f4+$ $\mathbb{Q}d2$ (1... $\mathbb{Q}g7?$) 2. $\mathbb{Q}f3+$ $\mathbb{Q}g5$ 3. $\mathbb{Q}f4$ $\mathbb{Q}g3\#$

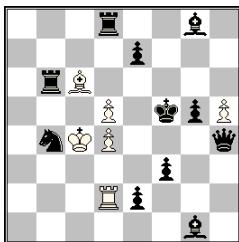
1. $\mathbb{Q}d5+$ $\mathbb{Q}xd3$ (1... $\mathbb{Q}f6?$) 2. $\mathbb{Q}c5+$ $\mathbb{Q}d6$ 3. $\mathbb{Q}d5$ $\mathbb{Q}c6\#$

Black-black Umnov on f4/d5

h#3 (6+11)

2.1...

E073



1. $\mathbb{Q}xd5 \mathbb{Q}d3$ 2. $\mathbb{Q}f6+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}g4 \mathbb{Q}xf3\#$
1. $\mathbb{Q}xd4 \mathbb{Q}e8$ 2. $\mathbb{Q}f6+$ $\mathbb{Q}d4$ 3. $e5 \mathbb{Q}g6\#$

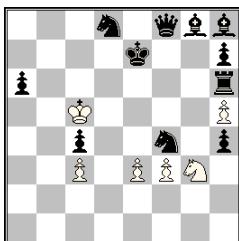
Black batteries are set up through the capture of pinned pawns occupying squares needed for white guard-pieces; each black capturing unit later makes a line-closing selfblock

h#3

(6+11)

2.1...

E074



- a)
1. $\mathbb{Q}f6+$ $\mathbb{Q}d4$ 2. $\mathbb{Q}g5+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}f6 exf4\#$
b)
1. $\mathbb{Q}e6+$ $\mathbb{Q}b6$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}c7$ 3. $\mathbb{Q}e6 e4\#$
c)
1. $\mathbb{Q}f7+$ $\mathbb{Q}xc4$ 2. $\mathbb{Q}g7+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}f7 \mathbb{Q}f5\#$

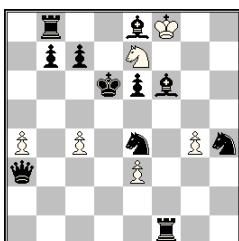
h#3

(6+11)

b) $\mathbb{Q}f3 \rightarrow d4$

c) $\mathbb{Q}f3 \rightarrow g5$

E075



1. $\mathbb{Q}d4+$ $\mathbb{Q}f5+$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}g7$ 3. $\mathbb{Q}f4 exd4\#$
1. $\mathbb{Q}b5+$ $\mathbb{Q}c8+$ 2. $\mathbb{Q}c6+$ $\mathbb{Q}e8$ 3. $\mathbb{Q}c5 axb5\#$

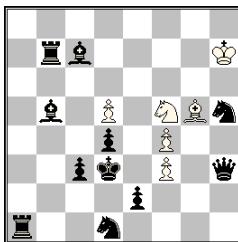
2x2 thematic moves

h#3

(6+11)

2.1...

E076



a)

1. $\mathbb{Q}xf4+$ $\mathbb{Q}h4$ 2. $\mathbb{Q}h5$ $\mathbb{Q}g2$ 3. $\mathbb{Q}c4$ $\mathbb{Q}e1\#$
 1. $\mathbb{Q}xf4+?$ $\mathbb{Q}e7$ 2. $\mathbb{Q}c7$ $\mathbb{Q}c6$ 3. $\mathbb{Q}c4$ $\mathbb{Q}b4$ 4. $\mathbb{Q}xb4$

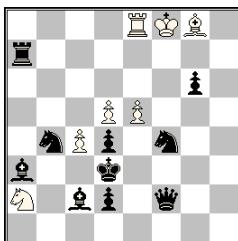
b)

1. $\mathbb{Q}xf4+$ $\mathbb{Q}e7$ 2. $\mathbb{Q}c7$ $\mathbb{Q}c6$ 3. $\mathbb{Q}c3$ $\mathbb{Q}b4\#$
 1. $\mathbb{Q}xf4+?$ $\mathbb{Q}h4$ 2. $\mathbb{Q}h5$ $\mathbb{Q}g2$ 3. $\mathbb{Q}c3$ $\mathbb{Q}e1$ 4. $\mathbb{Q}xe1$

h#3 (6+11)

b) $\mathbb{Q}c3 \rightarrow c4$

E077



a)

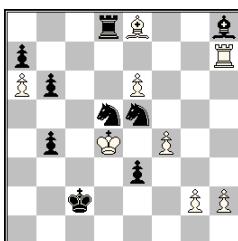
1. $\mathbb{Q}bxd5+$ (1. $\mathbb{Q}fxd5+?$) $\mathbb{Q}e7$ 2. $\mathbb{Q}d6$ $exd6$ 3. $\mathbb{Q}c3$ $\mathbb{Q}b4\#$
 b) 1. $\mathbb{Q}fxd5+$ (1. $\mathbb{Q}bxd5+?$) $\mathbb{Q}f7$ 2. $\mathbb{Q}f6$ $exf6$ 3. $\mathbb{Q}c3$ $\mathbb{Q}f4\#$

Delayed Umnov
Dual avoidance

h#3 (7+10)

b) $\mathbb{Q}a2 \rightarrow e2$

E078



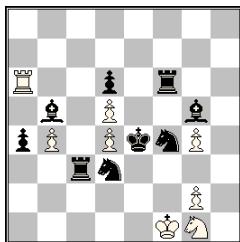
a)

1. $\mathbb{Q}f6+$ $\mathbb{Q}xe5$ 2. $\mathbb{Q}d2$ $\mathbb{Q}c7+$ 3. $\mathbb{Q}d3$ $\mathbb{Q}b5\#$
 b) 1. $\mathbb{Q}d7+$ $\mathbb{Q}xd5$ 2. $\mathbb{Q}b2$ $\mathbb{Q}g6+$ 3. $\mathbb{Q}c3$ $\mathbb{Q}h3\#$

h#3 (8+9)

b) $\mathbb{Q}e3 \rightarrow d2$

E079



1. $\mathbb{Q}xb4+$ $\mathbb{Q}e2$ (1... $\mathbb{Q}f3??$, 1... $\mathbb{Q}xa4??$) 2. $\mathbb{Q}e3$ $\mathbb{Q}xa4$ 3. $\mathbb{Q}bd3$ $\mathbb{Q}c3\#$
1. $\mathbb{Q}xd5+$ $\mathbb{Q}f3$ (1... $\mathbb{Q}e2??$, 1... $\mathbb{Q}xd6??$) 2. $\mathbb{Q}e3$ $\mathbb{Q}xd6$ 3. $\mathbb{Q}5f4$ $\mathbb{Q}g5\#$

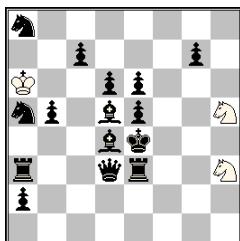
Self-pin after battery check and unpin of the self-pinned W \mathbb{Q} by B \mathbb{Q} switchback after allowing a black line piece to pass across the switchback square (Klasinc theme) in order to self-block e3, annihilation of W \mathbb{Q} b4 or W \mathbb{Q} d5 by the respective B \mathbb{Q} , ambush by W \mathbb{Q} , mates on a square vacated by a black piece at B2 move (delayed Umnov effect)

h#3

(8+9)

2.1...

E080



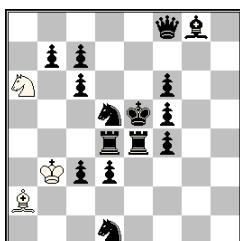
1. $\mathbb{Q}c4+$ $\mathbb{Q}xb5$ 2. $\mathbb{Q}d2+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}f3$ $\mathbb{Q}g3\#$
1. $\mathbb{Q}c6+$ $\mathbb{Q}b7$ 2. $\mathbb{Q}e7+$ $\mathbb{Q}b8$ 3. $\mathbb{Q}f5$ $\mathbb{Q}g5\#$

h#3

(3+15)

2.1...

E081



- a)
1. $\mathbb{Q}e7+$ $\mathbb{Q}a3$ 2. $\mathbb{Q}c8+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}d6$ $\mathbb{Q}d7\#$
b)
1. $\mathbb{Q}b4+$ $\mathbb{Q}a4$ 2. $\mathbb{Q}c2+$ $\mathbb{Q}b4$ 3. $\mathbb{Q}d4$ $\mathbb{Q}xd3\#$

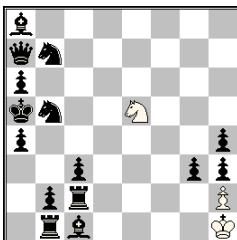
Two thematic battery checks in each phase
The white Knight is pinned and unpinned in the course of the play

h#3

(3+15)

b) $\mathbb{Q}d4 \rightarrow d6$

E082

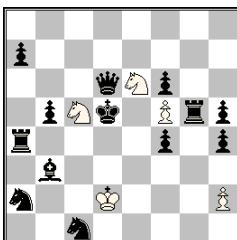


- a)
 1. ♕c5+ ♔g1 2. ♕d3+ ♔f1 3. ♕b4 ♕c4#
 b)
 1. ♖d2+ ♔xh2 2. ♖e3+ ♔xh3 3. ♖b6 ♕c6#

2x2 thematic moves

h#3 (3+15)
 b) ♜ g3 → h2

E083

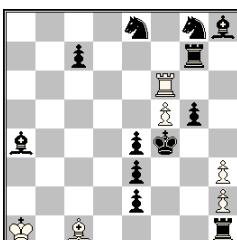


1. ♕c4+ ♖d4 2. ♖b4 ♖d3+ 3. ♖a3 ♖xb5#
 1. ♕e5+ ♖d3+ 2. ♖xf5 ♖d4+ 3. ♖g4 ♖f2#
 1. ♖xf5 ♖xf4+ 2. ♕e5+ ♖e3 3. ♖d5 ♖g6#
 1. ♖b4 ♖xb3 2. ♕c4+ ♖c2 3. ♖d5 ♖a5#

3-move HOTF with 4 thematic solutions

h#3 (5+13)
 4.1...

E084

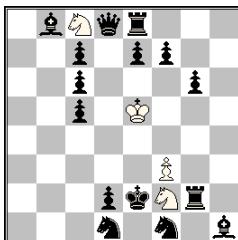


- 1.e1 ♕ d2 2. ♕f3+ ♕e1 3. ♕d1 ♕g3#
 1.e1 ♖ b6 2. ♖e7+ ♖b2 3. ♖e5 ♖f2#

Minor promotions

h#3 (6+12)
 2.1...

E085



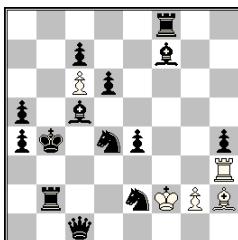
- a)
 1. $\mathbb{Q}e1 \mathbb{Q}d6$ 2. $\mathbb{Q}xd6+$ $\mathbb{Q}f4$ 3. $\mathbb{Q}e2 \mathbb{Q}d3\#$
 b)
 1. $\mathbb{Q}g1 \mathbb{Q}b6$ 2. $\mathbb{Q}xb6+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}h2 \mathbb{Q}h3\#$

Sacrifices of the W \mathbb{Q} c8, bicolor line opening and model mates

h#3 (4+15)

b) $\mathbb{Q}e2 \rightarrow h2$

E086

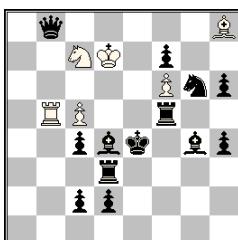


- a)
 1. $\mathbb{Q}a2+$ $\mathbb{Q}f4$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}a3 \mathbb{Q}xc5\#$
 b)
 1. $\mathbb{Q}xc6+$ $\mathbb{Q}e3$ 2. $\mathbb{Q}ed4+$ $\mathbb{Q}e2$ 3. $\mathbb{Q}b5 \mathbb{Q}xb2\#$

h#3 (5+14)

b) $\mathbb{Q}h2 \rightarrow f1$

E087



1. $\mathbb{Q}xf6+$ $\mathbb{Q}d5$ 2. $\mathbb{Q}d4 \mathbb{Q}xf6$ 3. $\mathbb{Q}c3+$ $\mathbb{Q}d5\#$
 1. $\mathbb{Q}xc5+$ $\mathbb{Q}e6$ 2. $\mathbb{Q}f5 \mathbb{Q}xc5$ 3. $\mathbb{Q}g5+$ $\mathbb{Q}e6\#$

Creation of white and black batteries

Play of two black batteries and a white one in each of the solutions

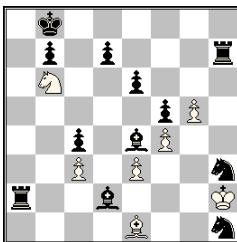
Switchback of the W \mathbb{Q}

Diagonal-orthogonal echoed play

h#3 (6+13)

2.1...

E088



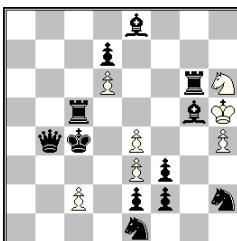
1. $\mathbb{Q}xg5+$ $\mathbb{Q}h4$ 2. $\mathbb{Q}h3$ $\mathbb{Q}e7$ 3. $\mathbb{Q}a7$ $\mathbb{Q}d6\#$
 1. $\mathbb{Q}xc3+$ $\mathbb{Q}d2$ 2. $\mathbb{Q}b2$ $\mathbb{Q}b4$ 3. $\mathbb{Q}a7$ $\mathbb{Q}d6\#$
 1. $\mathbb{Q}xe3+$ $\mathbb{Q}f2$ 2. $\mathbb{Q}d2$ $\mathbb{Q}c5$ 3. $\mathbb{Q}a7$ $\mathbb{Q}d6\#$

h#3

(7+12)

3.1...

E089



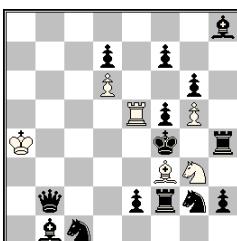
- a)
 1. $\mathbb{Q}xd6+$ $\mathbb{Q}f7$ 2. $\mathbb{Q}f6+$ $\mathbb{Q}h6$ 3. $\mathbb{Q}c3+$ $\mathbb{Q}xd6\#$
 b)
 1. $\mathbb{Q}xe3+$ $\mathbb{Q}f5$ 2. $\mathbb{Q}g5+$ $\mathbb{Q}h6$ 3. $\mathbb{Q}g1+$ $\mathbb{Q}xe3\#$

h#3

(7+12)

b) $\mathbb{Q}c4 \rightarrow f1$

E090



1. $\mathbb{Q}xf3+$ $\mathbb{Q}e4$ 2. $\mathbb{R}e5$ $\mathbb{Q}f1$ 3. $\mathbb{Q}g3$ $\mathbb{Q}d2\#$
 1. $\mathbb{Q}xg3+$ $\mathbb{Q}e4$ 2. $\mathbb{R}ff4$ $\mathbb{Q}xf5$ 3. $\mathbb{Q}fg4$ $\mathbb{Q}f3\#$
 1. $\mathbb{Q}xe5+$ $\mathbb{Q}e4$ 2. $\mathbb{R}e6$ $\mathbb{Q}xe2$ 3. $\mathbb{Q}e5$ $\mathbb{Q}c4\#$

Cyclic interchange of functions involving three white pieces

Cyclic Zilahi

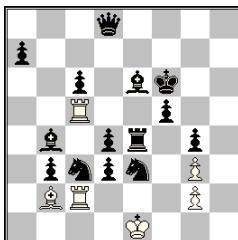
Three white pieces playing to the same square e4

h#3

(6+14)

3.1...

E091



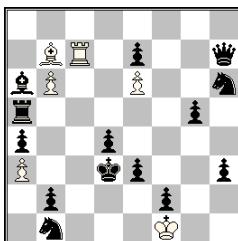
- a)
 1. $\mathbb{Q}ed5+$ $\mathbb{R}e2$ 2. $\mathbb{Q}e5$ $\mathbb{R}c1$ 3. $\mathbb{Q}f6$ $\mathbb{R}f4\#$
 b)
 1. $\mathbb{Q}b5+$ $\mathbb{R}c3$ 2. $\mathbb{Q}a5$ $\mathbb{R}c1$ 3. $\mathbb{Q}b6$ $\mathbb{R}a1\#$

Two anticipatory self-pins and double pinmate in each solution
 Model mates
 White moves to the same square c1

h#3 (6+14)

b) $\mathbb{Q}f6 \rightarrow b6$

E092



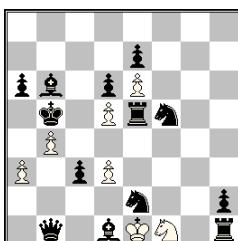
- a)
 1. $\mathbb{R}b5$ $\mathbb{R}c6$ 2. $\mathbb{Q}c3$ $\mathbb{Q}e2$ 3. $\mathbb{R}b3+$ $\mathbb{R}b5\#$
 b)
 1. $\mathbb{Q}b5$ $\mathbb{R}c6$ 2. $\mathbb{Q}e4$ $\mathbb{Q}xg5$ 3. $\mathbb{Q}d3+$ $\mathbb{R}c5\#$

White and black Grimshaw

h#3 (6+14)

b) $\mathbb{Q}f1 \rightarrow h5$

E093

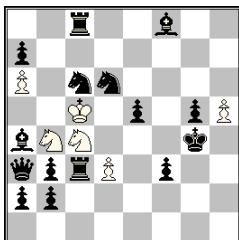


1. $\mathbb{Q}g1+$ $\mathbb{Q}e3$ 2. $\mathbb{Q}e2+$ $\mathbb{Q}d1$ 3. $\mathbb{Q}a2$ $\mathbb{Q}xc3\#$
 1. $\mathbb{Q}e3$ $\mathbb{Q}f2$ 2. $\mathbb{Q}c4+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}a4$ $dxc4\#$

h#3 (7+13)

2.1...

E094

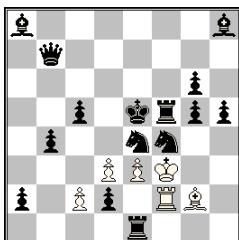


- a)
 1. $\mathbb{Q}e7+$ $\mathbb{Q}xd6$ 2. $\mathbb{Q}c5$ $\mathbb{Q}d5$ A 3. $\mathbb{Q}f5$ $\mathbb{Q}ce3\#$ B
 b)
 1. $\mathbb{Q}b5+$ $\mathbb{Q}xc6$ 2. $\mathbb{Q}c5$ $\mathbb{Q}e3+$ B 3. $\mathbb{Q}f4$ $\mathbb{Q}bd5\#$ A

$h\#3$ (6+15)

b) $\mathbb{Q}c8 \rightarrow g3$

E095



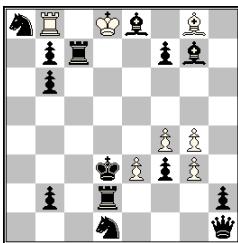
- a) Diagram
 1. $\mathbb{Q}d6+$ $\mathbb{Q}g3$ 2. $\mathbb{Q}e6$ $\mathbb{Q}f3$ 3. $\mathbb{Q}d5$ $\mathbb{Q}xf5\#$
 b) $\mathbb{Q}c5 \rightarrow h4$
 1. $\mathbb{Q}f6$ $\mathbb{Q}h3$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}g2$ 3. $\mathbb{Q}d6$ $d4\#$
 c) =b) $\mathbb{Q}b7 \rightarrow b2$
 1. $\mathbb{Q}xf2+$ $\mathbb{Q}xf2$ 2. $\mathbb{Q}f3$ $d4+$ 3. $\mathbb{Q}e4$ $\mathbb{Q}xf3\#$
 d) =c) $\mathbb{Q}d2 \rightarrow d4$
 $h\#3$ (6+15) 1. $h3$ $\mathbb{Q}e2$ 2. $\mathbb{Q}d6+$ $\mathbb{Q}g3$ 3. $\mathbb{Q}f6$ $exf4\#$

See solution

- e) =d) $\mathbb{Q}d3 \rightarrow h3$
 1. $\mathbb{Q}xg2+$ $\mathbb{Q}xg2$ 2. $\mathbb{Q}f3$ $exd4+$ 3. $\mathbb{Q}f4$ $\mathbb{Q}xf3\#$
 f) =e) $\mathbb{Q}c2 \rightarrow c5$
 1. $\mathbb{Q}b3$ $\mathbb{Q}d2$ 2. $\mathbb{Q}f6+$ $\mathbb{Q}f2$ 3. $\mathbb{Q}e6$ $exd4\#$

B $\mathbb{Q}e4$, $\mathbb{Q}f4$ unguard g3/g2/f2; W \mathbb{Q} arrives on those squares in solutions a+d/b+e/c+f. W $\mathbb{Q}f2$ - WP e3/W $\mathbb{Q}g2$ - WP d3 change their role (guarding-mating) in solutions e+f/b+c, White battery and double check in solutions a+d

E096



h#3 (7+14)

2.1...

b) $\mathbb{R} b8 \rightarrow f3$

a)

1. $\mathbb{Q} c2+$ $\mathbb{Q} xe8$ 2. $\mathbb{Q} b1$ $\mathbb{Q} h7+$ 3. $\mathbb{Q} a1$ $\mathbb{Q} xa8\#$
1. $f6$ $\mathbb{Q} xa8$ 2. $\mathbb{Q} e4+$ $\mathbb{Q} xc7$ 3. $\mathbb{Q} d3$ $\mathbb{Q} xe8\#$

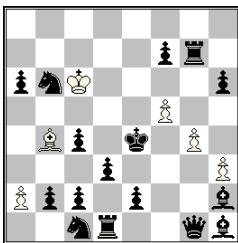
b)

1. $\mathbb{Q} e7$ $e4+$ 2. $\mathbb{Q} xe4+$ $\mathbb{Q} d3$ 3. $\mathbb{Q} f6$ $\mathbb{Q} h7\#$
1. $\mathbb{Q} f1$ $\mathbb{Q} h7+$ 2. $\mathbb{Q} e2+$ $\mathbb{Q} d3+$ 3. $\mathbb{Q} e1$ $\mathbb{Q} xf1\#$

Four thematic checks by $\mathbb{B}\mathbb{Q}$. In a) $W\mathbb{Q}$ escapes, in b) $W\mathbb{Q}/\mathbb{R}$ interfere on $B\mathbb{Q}$'s initial square d3

Pickabish on f6

E097



h#3 (6+16)

See solution

a) Diagram

1. $\mathbb{Q} e5+$ $\mathbb{Q} c7$ 2. $\mathbb{Q} f6+$ $\mathbb{Q} d8$ 3. $\mathbb{Q} e5$ $\mathbb{Q} e7\#$

b) $\mathbb{Q} b4 \rightarrow c3$

1. $\mathbb{Q} f4+$ $\mathbb{Q} d6$ 2. $\mathbb{Q} g5+$ $\mathbb{Q} e7$ 3. $\mathbb{Q} f4$ $\mathbb{Q} f6\#$

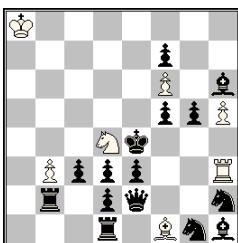
c) $\mathbb{Q} b4 \rightarrow f6$

1. $\mathbb{Q} e3+$ $\mathbb{Q} c5$ 2. $\mathbb{Q} d2+$ $\mathbb{Q} b4$ 3. $\mathbb{Q} e3$ $\mathbb{Q} c3\#$

d) $\mathbb{Q} b4 \rightarrow e7$

1. $\mathbb{Q} d4+$ $\mathbb{Q} xb6$ 2. $\mathbb{Q} c3+$ $\mathbb{Q} a5$ 3. $\mathbb{Q} d4$ $\mathbb{Q} b4\#$

E098



h#3 (7+15)

b) $\mathbb{R} e2 \rightarrow h7$

c) $\mathbb{R} b2 \rightarrow f4$

a)

1. $\mathbb{Q} xh5$ $\mathbb{Q} xf5$ A 2. $\mathbb{Q} xf5+$ $\mathbb{Q} f3+$ 3. $\mathbb{Q} g6$ $\mathbb{Q} xd3\#$ B

b)

1. $c2$ $\mathbb{Q} xd3+$ B 2. $\mathbb{Q} xd3+$ $\mathbb{Q} c6$ 3. $\mathbb{Q} c3$ $\mathbb{Q} xe3\#$ C

c)

1. $\mathbb{Q} f2$ $\mathbb{Q} xe3+$ C 2. $\mathbb{Q} xe3+$ $\mathbb{Q} g2$ 3. $f4$ $\mathbb{Q} f5\#$ A

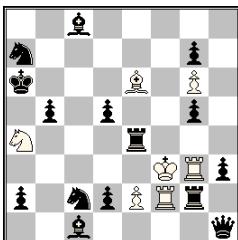
Active cyclic Zilahi

Cyclic interchange of functions between three white pieces
($\mathbb{Q} d4$, $\mathbb{Q} f1$, $\mathbb{Q} h3$)

Cycle of W1/W3 moves

Distant self-blocks

E099



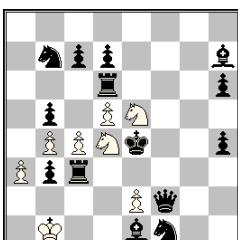
1. $\blacksquare x f 2++ \diamond x f 2$ 2. $\blacksquare x e 6 \blacksquare a 3$ 3. $\blacksquare b 6 \diamond c 5 \#$
 1. $\blacksquare x g 3++ \diamond x g 3$ 2. $\blacksquare x a 4 \blacksquare f 6$ 3. $\blacksquare a 5 \diamond x c 8 \#$

Double Zilahi
 Double check to white king
 Double check on mating move

h#3 (7+15)

2.1...

E100



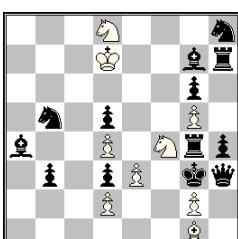
1. $\diamond e 3+ \diamond c 2+$ 2. $\diamond x e 2 \diamond c 1$ 3. $\blacksquare e 3 \diamond d 4 \#$
 1. $\diamond x d 4+ \diamond d 3$ 2. $\diamond x c 4 e 4$ 3. $\blacksquare d 4 \diamond b 2 \#$
 1. $\diamond x e 5+ e 4$ 2. $\blacksquare g 6 \diamond c 6+$ 3. $\blacksquare d 6 e 5 \#$

Cyclic Zilahi
 The variety of pins and unpins

h#3 (8+14)

3.1...

E101



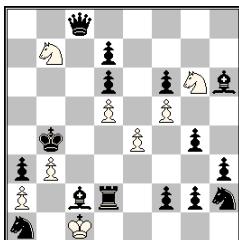
- a) 1. $\blacksquare x d 4+ \diamond f 7$ 2. $\blacksquare g 7 \diamond d 6$ 3. $d 4 \diamond e 4 \#$
 b) 1. $\blacksquare x g 5+ \diamond d e 6$ 2. $\blacksquare g 4 \diamond x d 4$ 3. $g 5 \diamond f 5 \#$
 c) 1. $\diamond x d 4+ \diamond c 6$ 2. $\diamond b 5 \diamond d 4$ 3. $d 2 \diamond d e 2 \#$

Three battery checks, triple self-pin of the W $\diamond d 8$ and three unpinning switchbacks

h#3 (9+13)

- b) $\blacktriangle d 4$
 c) $\diamond d 2 \rightarrow e 5$

E102

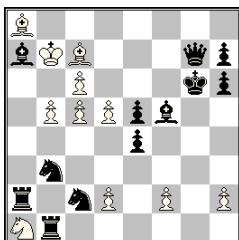


- a)
 1. $\blacksquare x d 5 + \blacktriangle f 4$ 2. $\blacksquare d 3 + \blacktriangle d 1$ 3. $\blacksquare b 5 + \blacktriangle x d 5 \#$
- b)
 1. $\blacksquare x e 4 + \blacktriangle c 5$ 2. $\blacksquare d 3 + \blacktriangle b 1$ 3. $\blacksquare f 3 + \blacktriangle x e 4 \#$

h#3 (8+15)

b) $\blacktriangle b 4 \rightarrow g 3$

E103



- a)
 1. $\blacktriangle f 7 \blacktriangle d 6$ 2. $\blacktriangle e 8 + c 7$ 3. $\blacktriangle d 7 c 8 \blacktriangle \#$
- b)
 1. $\blacktriangle c 1 \blacktriangle a 6$ 2. $\blacktriangle b 2 + \blacktriangle a 5$ 3. $\blacktriangle a 3 \blacktriangle c 3 \#$
- c)
 1. $h 5 \blacktriangle x e 5$ 2. $\blacktriangle h 6 + \blacktriangle g 3$ 3. $\blacktriangle g 6 \blacktriangle f 4 \#$

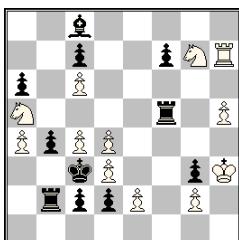
Three times a black battery with B \blacktriangle as front piece gives check

h#3 (11+12)

b) $\blacktriangle g 6 \rightarrow a 3$

c) $\blacktriangle b 7 \rightarrow g 2$

E104



1. $\blacksquare c 5 + \blacktriangle f 5 (\blacktriangle e 6 ?)$ 2. $\blacksquare x c 4 \blacksquare h 6$ 3. $\blacksquare x c 6 \blacksquare x c 6 \#$
1. $\blacksquare f 3 + \blacktriangle e 6 (\blacktriangle f 5 ?)$ 2. $\blacksquare d 3 \blacksquare x f 7$ 3. $\blacksquare f 3 \blacksquare x f 3 \#$

h#3 (12+11)

2.1...



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

**ENTRIES
SECTION F: SELFMATES**

July 2016

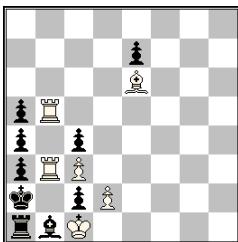
Judging countries

Bulgaria, Czech Republic, Germany, Slovakia, Ukraine
(Croatia as reserve)

Theme

In a selfmate in 2 to 6 moves, at least two variations end with Black mating move made to the same square, played by different black pieces. The threat may be treated as a thematic variation.

F001



s#2

(6+9)

1...axb3 2. $\blacksquare x a 5$ **b2#**

1...cxb3 2. $\blacksquare d 5$ **b2#**

1. $\blacksquare b 4$! Z

1...axb3 2. $\blacksquare a 4$ **b2#**

1...cxb3 2. $\blacksquare c 4$ **b2#**

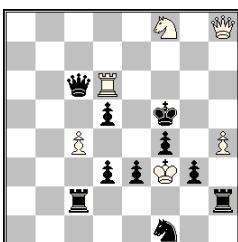
1...axb4 2. $\blacksquare b 2 +$ **axb2#**

Three mates on b2 by three different black pawns

Unpin by white & quiet variations

Mutate with two changes from setplay and an added variation

F002



s#2

(6+10)

1...dxc4+ 2. $\blacksquare d 5 +$ $\blacksquare x d 5 \#$

1. $\blacksquare x d 5 + ?$ $\blacksquare x d 5 +$ 2.cxd5!

1. $\blacksquare d 4$! [2. $\blacksquare e 4 +$ **dxe4#]**

1...dxc4+ 2. $\blacksquare e 4 +$ $\blacksquare x e 4 \#$ (changed mate)

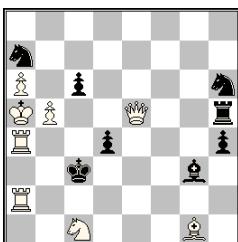
1. $\blacksquare x c 4$ 2. $\blacksquare x f 4 +$ $\blacksquare x f 4 \#$ (2. $\blacksquare e 4 + ?$ $\blacksquare x e 4 !$)

1. $\blacksquare x h 4$ 2. $\blacksquare x f 4 +$ $\blacksquare x f 4 \#$ (2. $\blacksquare e 4 + ?$ $\blacksquare g 5$)

1. $\blacksquare x d 6$ 2. $\blacksquare x f 4 +$ $\blacksquare x f 4 \#$ (2. $\blacksquare e 4 + ?$ $\blacksquare f 6$)

Three more mates on the same f4-square with a triple dual avoidance

F003



s#2

(8+8)

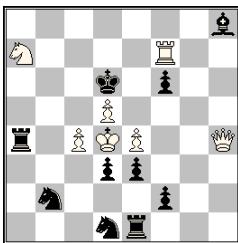
1.b6! [2. $\blacksquare c 5 +$ $\blacksquare x c 5 \#$]

1... $\blacksquare x e 5$ 2. $\blacksquare x d 4 +$ $\blacksquare x d 4 \#$

1... $\blacksquare f 5$ 2. $\blacksquare x d 4 +$ $\blacksquare x d 4 \#$

1... $\blacksquare b 5$ 2. $\blacksquare x d 4 +$ $\blacksquare x d 4 \#$

F004

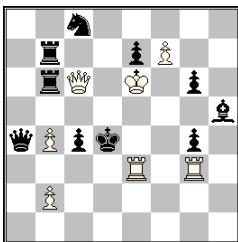


- 1. $\mathbb{N}h5!$ [2. $\mathbb{Q}e5+$ $\mathbb{Q}xe5\#$]**
 1... f5+ 2.e5+ $\mathbb{Q}xe5\#$
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}h2+$ $\mathbb{Q}e5\#$
 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}b5+$ $\mathbb{Q}xb5\#$

s‡2

(7+10)

F005

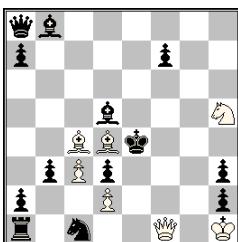


- 1... $\mathbb{Q}d6$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xe4\#$**
 1... $\mathbb{Q}c2$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xe4\#$
1. $\mathbb{N}c3!$ [2. $\mathbb{Q}xg4+$ $\mathbb{Q}xg4\#$]
 1... $\mathbb{Q}d6$ 2. $\mathbb{Q}xc4+$ $\mathbb{Q}xc4\#$
 1... $\mathbb{Q}c2$ 2. $\mathbb{Q}xc4+$ $\mathbb{Q}xc4\#$

s‡2

(7+10)

F006

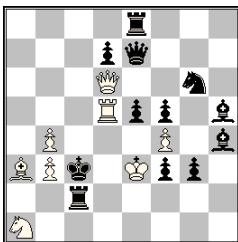


- 1. $\mathbb{Q}g7?$ / $\mathbb{Q}h8?$ [2. $\mathbb{Q}xd3+$ $\mathbb{Q}xd3\#$]**
 1... $\mathbb{Q}e2$ 2. $\mathbb{Q}xd3+$ $\mathbb{Q}xd3\#$
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}xf5\#$
 but 1...f6!
1. $\mathbb{Q}f6!$ [2. $\mathbb{Q}xd3+$ $\mathbb{Q}xd3\#$]
 1... $\mathbb{Q}e2$ 2. $\mathbb{Q}xd3+$ $\mathbb{Q}xd3\#$
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}xf5\#$

s‡2

(7+13)

F007



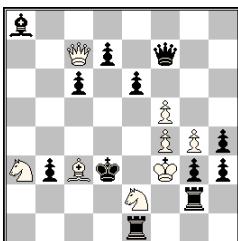
- 1. $\blacksquare d2!$ [2. $\blacksquare d4+ exd4\#$]**
 1... $\blacksquare x d2$ 2. $\blacksquare d3+$ $\blacksquare x d3\#$
 1... $\blacksquare x d6$ 2. $\blacksquare d3+$ $\blacksquare x d3\#$
 1... $e4$ 2. $\blacksquare d3+$ **$exd3\#$**
 1... $\blacksquare x f4$ 2. $\blacksquare x e5+$ $\blacksquare x e5\#$

3 pieces mate on d3

s≠2

(8+12)

F008



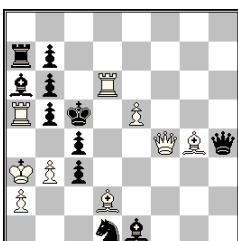
- 1. $\blacksquare e5!$ [2. $\blacksquare b5+ cx b5\#$]**
 1... $\blacksquare x e2$ 2. $\blacksquare e3+$ $\blacksquare x e3\#$
 1... $\blacksquare g x e2$ 2. $\blacksquare e3+$ $\blacksquare x e3\#$
 1... $\blacksquare x f5$ 2. $\blacksquare e4+$ $\blacksquare x e4\#$
 1... $c5+$ 2. $\blacksquare e4+$ $\blacksquare x e4\#$
 1... $d5$ 2. $\blacksquare e4+$ **$dxe4\#$**
 1... $exf5$ 2. $\blacksquare e4+$ **$f x e4\#$**

4 pieces mate on e4, 2 pieces on e3

s≠2

(8+12)

F009



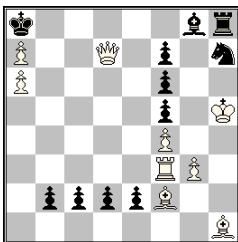
- 1. $\blacksquare d7!$ [2. $\blacksquare x b5+ \blacksquare x b5\#$]**
 1... $c2$ 2. $\blacksquare b4+$ **$\blacksquare x b4\#$**
 1... $cx b3$ 2. $\blacksquare b4+$ **$\blacksquare x b4\#$**
 1... $bxa5$ 2. $b4+$ **$axb4\#$**

3-times theme on the square b4

s≠2

(9+11)

F010

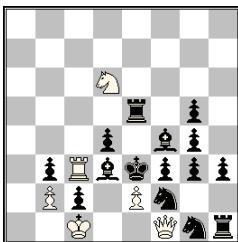


1. $\mathbb{R}e7!$ [2. $\mathbb{Q}f8+$, $\mathbb{Q}xf8\#$]
 1... $b1\mathbb{Q}$ 2. $\mathbb{B}b3+$ $\mathbb{W}xh1\#$
 1... $c1\mathbb{Q}$ 2. $\mathbb{B}c3+$ $\mathbb{W}xh1\#$
 1... $d1\mathbb{Q}$ 2. $\mathbb{B}d3+$ $\mathbb{W}xh1\#$
 1... $e1\mathbb{Q}$ 2. $\mathbb{B}e3+$ $\mathbb{W}xh1\#$

s≠2

(9+11)

F011

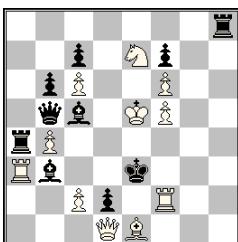


1. $\mathbb{P}xf3!$ [2. $\mathbb{Q}e2+$, $\mathbb{Q}xe2\#$]
 1... $\mathbb{Q}xf3$ 2. $\mathbb{B}xd3+$ $\mathbb{Q}xd3\#$
 1... $\mathbb{D}xc3$ 2. $\mathbb{B}xd3+$ $\mathbb{Q}xd3$, $\mathbb{Q}xd3\#$
 1... $\mathbb{G}xf3$ 2. $\mathbb{Q}e1+$ $\mathbb{Q}e2\#$

s≠2

(6+15)

F012



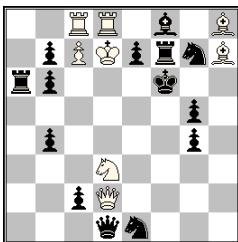
1... $\mathbb{P}c4$ / $\mathbb{P}xc6$ 2. $\mathbb{Q}d5+$ $\mathbb{W}xd5\#$
 1... $\mathbb{D}xe1\sim$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$

1. $\mathbb{P}g4!$ [2. $\mathbb{Q}d4+$, $\mathbb{Q}xd4\#$]
 1... $\mathbb{Q}xb4+$ 2. $\mathbb{Q}d5+$ $\mathbb{W}xd5\#$
 1... $\mathbb{B}d8$ 2. $\mathbb{Q}d5+$ $\mathbb{B}8xd5\#$
 1... $\mathbb{D}d1\mathbb{B}$ 2. $\mathbb{Q}d5+$ $\mathbb{B}1xd5\#$
 1... $\mathbb{B}xb4$ 2. $\mathbb{Q}e4+$ $\mathbb{B}xe4\#$
 1... $\mathbb{B}h4$ 2. $\mathbb{Q}e4+$ $\mathbb{B}xe4\#$

s≠2

(11+10)

F013

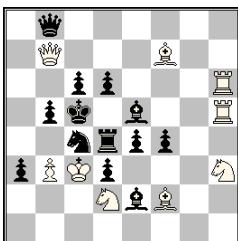


- 1. ♜e3!** [2. ♛d4+ e5#]
 1... ♜f3 2. ♛e5+ ♜xe5#
 1... ♜a5 2. ♛xb6+ e6#
 1... ♛e2 2. ♛e6+ ♜xe6#

s#2

(8+14)

F014



- 1. ♜g5!** [2. ♜xd4+ ♜xd4#]
 1... ♜xd2 2. ♜xe4+ ♜xe4#
 1... e3 2. ♜de4+ (♜ge4+?) ♜xe4#
 1... ♜e3 2.b4+ (♜xe4+?) ♜xb4#
 1... b4+ 2. ♜xb4+ ♜xb4#

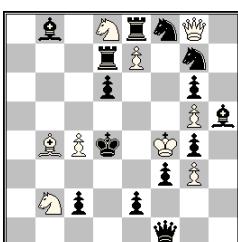
Two mates on each of the squares b4 & e4

Two unpins of the B ♜d4 and dual avoidance play

s#2

(9+13)

F015



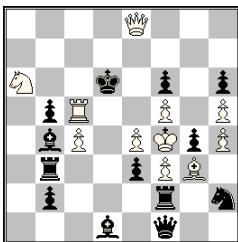
- 1. ♜e6!** [2. ♛e5+ dxe5#]
 1... d5+ 2. ♛e5+ ♜xe5#
 1... ♜gxe6+ 2. ♜xe6+ ♜xe6#
 1... ♜fxe6+ 2. ♜xe6+ ♜xe6#
 1... ♜dxe7 2. ♛e4+ ♜xe4#
 1... ♜exe7 2. ♛e4+ ♜xe4#
 1... e1 ♜ 2. ♛e4+ ♜xe4#
 1... ♜c1+ 2. ♛e3+ ♜xe3#
 1... c1 ♜+ 2. ♛e3+ ♜xe3#
 1... c1 ♜+ 2. ♛e3+ ♜xe3#

s#2

(9+14)

3 pieces mate on e3, 3 pieces on e4, 2 pieces on e5, 2 pieces on e6

F016

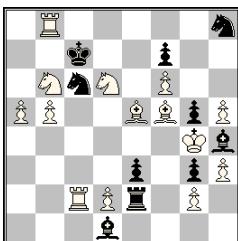


1. $\mathbb{Q}c7!$ [2. $\mathbb{Q}e5+ \mathbb{Q}xe5\#$]
1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}xg4+ \mathbb{Q}e5\#$
1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xe3+ \mathbb{Q}e5\#$

s#2

(11+13)

F017

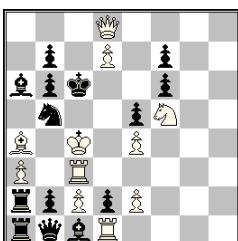


1. $a6!$ Z
1... $\mathbb{Q}xb8$ 2. $\mathbb{Q}dc8+$ $\mathbb{Q}xe5\#$
1... $exd2$ 2. $\mathbb{Q}xf7+$ $\mathbb{Q}xe5\#$
1... $\mathbb{Q}g6$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xe5\#$
(1... $\mathbb{Q}xc2$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xe5\#$)

s#2

(14+10)

F018

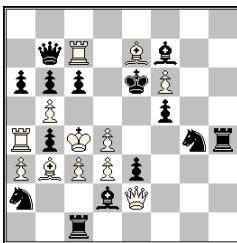


1. $\mathbb{Q}e8!$ Z
1... $\mathbb{Q}xa3$ 2. $\mathbb{Q}d3+$ $\mathbb{Q}xc3\#$
1... $\mathbb{Q}xc2$ 2. $\mathbb{Q}b4+$ $\mathbb{Q}xc3\#$
1... $\mathbb{Q}c7$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}xc3\#$

s#2

(11+14)

F019

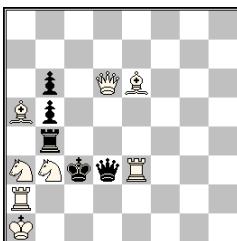


- 1. $\mathbb{W}f3!$ [2. $\mathbb{W}d5+$ $\mathbf{cxd5\#}$]**
 1... $\mathbb{Q}xc3$ 2. $\mathbb{W}xb4+$ $\mathbb{Q}d5\#$
 1... $c5$ 2. $\mathbb{W}d5+$ $\mathbb{W}xd5\#$
 1... $\mathbb{Q}xf6$ 2. $\mathbb{W}xf5+$ $\mathbb{Q}xf5\#$

s‡2

(12+14)

F020



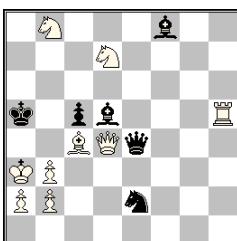
- 1. $\mathbb{W}d2!$ Z**
 1... $\mathbb{W}xe3$ 2. $\mathbb{Q}e4+$ $\mathbb{W}xe4$ 3. $\mathbb{Q}b1+$ $\mathbb{W}xb1\#$
 1... $bxa5$ 2. $\mathbb{Q}xb5+$ $\mathbb{W}xb5$ 3. $\mathbb{Q}b1+$ $\mathbb{W}xb1\#$

Check by each W \mathbb{Q} on b1 with different mating captures

s‡3

(8+5)

F021

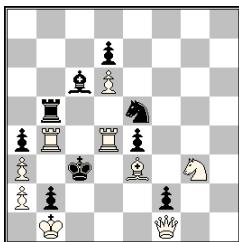


- 1. $\mathbb{W}a6!$ [2. $\mathbb{W}b4+$ $\mathbf{cxb4\#}/\mathbb{W}xb4\#]$**
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}xc5+$ $\mathbb{Q}b5$ 3. $\mathbb{W}b4+$ $\mathbb{W}xb4\#$
 2... $\mathbb{Q}xc5$ + 3. $b4+$ $\mathbb{Q}xb4\#$

s‡3

(9+6)

F022



s#3

(9+9)

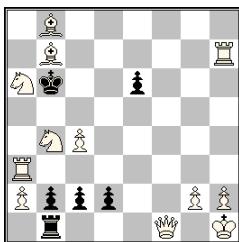
1. $\mathbb{Q}d2?$ [2. $\mathbb{Q}xe4+$ $\mathbb{Q}xe4+$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$]
 1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd3+$ $exd3$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$
 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}b3+$ $axb3$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$
 but 1... $\mathbb{Q}xb4!$

1. $\mathbb{Q}xf2?$ [2. $\mathbb{Q}xe4+$] $\mathbb{Q}d3!$

1. $\mathbb{Q}d1!$ [2. $\mathbb{Q}xe4+$ $\mathbb{Q}xe4+$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$]
 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}b3+$ $axb3$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$
 1... $\mathbb{Q}d3$ 2. $\mathbb{Q}xd3+$ $exd3$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$
 1... $f1\mathbb{Q}$ 2. $\mathbb{Q}e2+$ $\mathbb{Q}xe2$ 3. $\mathbb{Q}c2+$ $\mathbb{Q}xc2\#$
 1... $f1\mathbb{Q}$ 2. $\mathbb{Q}dc4+$ $\mathbb{Q}xc4$ 3. $\mathbb{Q}xe4+$ $\mathbb{Q}xe4\#$

4 different black pieces mate from c2, 2 changes after 1... $\mathbb{Q}d5$ and
 1... $\mathbb{Q}d3$, two groups variations (2 interferences of $\mathbb{Q}c6$ and 2
 promotions of $\mathbb{Q}f2$)

F023

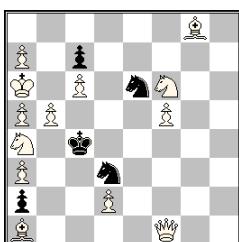


s#3

(12+6)

1. $\mathbb{Q}d1!$ [2. $c5+$ $\mathbb{Q}b5$ 3. $\mathbb{Q}f1+$ $\mathbb{Q}xf1\#$]
 1... $c1\mathbb{Q}$ 2. $\mathbb{Q}d5+$ $exd5$ 3. $\mathbb{Q}b3+$ $\mathbb{Q}xb3\#$
 1... $cxd1\mathbb{Q}$ 2. $\mathbb{Q}c6$ [3. $\mathbb{Q}b3+$ $\mathbb{Q}xb3\#$]
 1... $c1\mathbb{Q}$ 2. $\mathbb{Q}xd2$ [3. $\mathbb{Q}e3+$ $\mathbb{Q}xe3\#$]
 1... $cxd1\mathbb{Q}$ 2. $\mathbb{Q}f4$ [3. $\mathbb{Q}e3+$ $\mathbb{Q}xe3\#$]

F024



s#3

(13+5)

1. $\mathbb{Q}e4! Z$

1... $\mathbb{Q}b3$ 2. $\mathbb{Q}xd3+$ ($\mathbb{Q}xe6+?$) $\mathbb{Q}xa4$ 3. $\mathbb{Q}ec5+$ $\mathbb{Q}exc5\#$
 1... $\mathbb{Q}d5$ 2. $\mathbb{Q}xe6+$ ($\mathbb{Q}xd3+?$) $\mathbb{Q}xe4$ 3. $\mathbb{Q}ac5+$ $\mathbb{Q}dx5\#$

Flight-giving paradoxical key (White attacks the mating square with both Knights)

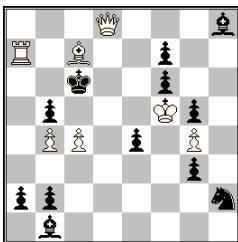
In each variation, one white and one black knight must be captured
 White and black Zilahi

Dual avoidance

White Knight sacrifices

Two mates by different Knights on the same square

F025

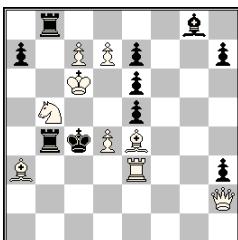


- 1. $\mathbb{W}c8!$** [2. $\mathbb{Q}xg3+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}f2+$ $\mathbb{e}3\#$]
 1... $\mathbb{Q}f1/\mathbb{Q}xg4$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}f3$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}b6$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$
 1... $bxc4$ 2. $\mathbb{Q}e8+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}xe4+$ $\mathbb{Q}xe4\#$

s≠3

(7+12)

F026



- 1... $\mathbb{Q}8xb5$ **a** 2. $\mathbb{Q}c2+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$
 1... $\mathbb{Q}4xb5$ **b** 2. $\mathbb{Q}e2+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$
- 1. $\mathbb{Q}xe5?$** [2. $\mathbb{Q}xe6+$ **A** $\mathbb{Q}xe6$ 3. $\mathbb{Q}d5+$ $\mathbb{Q}xd5\#$
 2. $\mathbb{Q}d5+$ **B** $exd5$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$
 2. $\mathbb{Q}d5+$ $exd5$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$]
 but 1... $\mathbb{Q}8xb5!$ **a**, $\mathbb{Q}4xb5!$ **b**
1. $\mathbb{Q}xh3?$ [2. $\mathbb{Q}xe6+$ **A** $\mathbb{Q}xe6$ 3. $\mathbb{Q}d5+$ $\mathbb{Q}xd5\#$]
 1... $\mathbb{Q}4xb5$ **b** 2. $\mathbb{Q}f1+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$
 but 1... $\mathbb{Q}8xb5!$ **a**

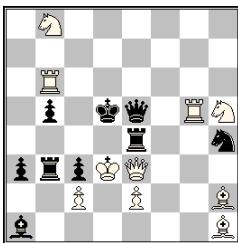
- 1. $\mathbb{W}h1!$** [2. $\mathbb{Q}d5+$ **B** $exd5$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$]
 1... $\mathbb{Q}8xb5$ **a** 2. $\mathbb{Q}c1+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$
 1... $\mathbb{Q}4xb5$ **b** 2. $\mathbb{Q}f1+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$

Combination of changed continuations

Barnes theme

Kharkov theme

F027

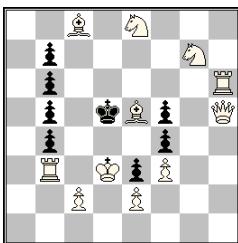


s#3

(10+9)

- 1. ♜a6!** [2. ♜b4+ ♜xb4 3. ♜d4+ ♜xd4#]
 1... ♜f3 2. ♜f4+ ♜xf4 3. ♜d4+ ♜xd4#
 1... ♜f5 2. ♜f6+ ♜xf6 3. ♜d4+ ♜xd4#

F028



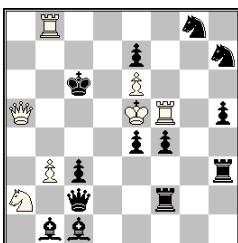
s#3

(11+8)

- 1. ♜c6!** Z
 1... bxc6 2. ♜d6 c5 3. ♜d7 c4#
 1... ♜xe5 2. ♜c5+ bxc5 3. ♜xb7 c4#
 1... ♜xc6 2. ♜f7 ♜c5 3. ♜c4+ bxc4#

Mates on the same square by three different black pawns

F029

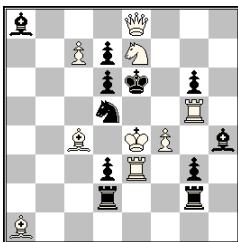


s#3

(7+13)

- 1. ♜d8!** [2. ♜b4+/ ♜d7+ ♜c5 3. ♜d6+ exd6#]
 1... ♜d2 2. ♜b4+ ♜c5 3. ♜xf4+ ♜d5#
 (2. ♜b6+? ♜c5 3. ♜xf4+ ♜d5+ 4. ♜xc1)
 1... ♜d3 2. ♜b6+ ♜c5 3. ♜xe4+ ♜d5#
 (2. ♜b4+? ♜c5 3. ♜xe4+ ♜d5+ 4. ♜xc2)
 1... ♜xb3 2. ♜d7+ ♜c5 3. ♜d5+ ♜xd5#

F030



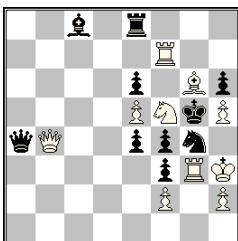
- 1. $\mathbb{Q}g7!$** [2. $\mathbb{Q}xg6+$ $\mathbb{Q}xe7$ 3. $\mathbb{Q}f5+$ $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}ge2$ 2. $f5+$ $gxf5+$ 3. $\mathbb{Q}f3+$ $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}de2$ 2. $\mathbb{Q}xg6+$ $\mathbb{Q}f6$ 3. $\mathbb{Q}xd3+$ $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}xg5$ 2. $f5+$ $gxf5+$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xe3\#$

4 different mates on e3, 4 different checks by W \mathbb{Q}

s#3

(9+11)

F031

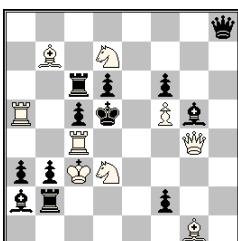


- 1. $\mathbb{Q}g7?$ fxg3!**
1. $\mathbb{Q}h4?$ f8!
1. $\mathbb{Q}d4!$ [2. $\mathbb{Q}f5+$ $exf5$ 3. $\mathbb{Q}xg4+$ $fxg4\#$
 1... $fxg3$ 2. $\mathbb{Q}xf3+$ $exf3$ 3. $\mathbb{Q}xg4+$ $\mathbb{Q}xg4\#$
 1... $f8$ 2. $\mathbb{Q}xe6+$ $\mathbb{Q}xe6$ 3. $\mathbb{Q}xg4+$ $\mathbb{Q}xg4\#$

s#3

(10+10)

F032



- 1. $\mathbb{B}b4!$** [2. $\mathbb{Q}xc5+$ $dxc5$ 3. $\mathbb{Q}d4+$ $cx d4\#$
 1... $\mathbb{Q}e3$ 2. $\mathbb{Q}g8+$ $\mathbb{Q}xg8$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$
 1... $\mathbb{Q}h4$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xe4$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$
 1... $fxg1\mathbb{Q}$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}xf4$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$
 1... $fxg1\mathbb{Q}$ 2. $\mathbb{Q}g2+$ $\mathbb{Q}xg2$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$
 (1... $\mathbb{Q}f4$ 2. $\mathbb{Q}xf6+$ $\mathbb{Q}xf6$ 3. $\mathbb{Q}d4+$ $\mathbb{Q}xd4\#$)

Five thematic variations on d4

Each black defense guards d4, white uses the newly black guard to force mate by the guarding piece

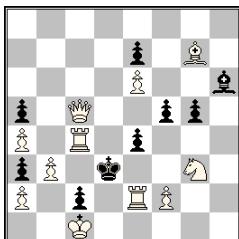
In each of the variations black corrects the previous weakness and introduces a new one

Two different black queens and two different black bishops mate on the thematic square

s#3

(9+12)

F033



1. $\mathbb{Q}xa5?$
 1...f4 2. $\mathbb{Q}e3+$ fxe3 3. $\mathbb{Q}d2+$ **exd2#** (f-pawn)
 1...g4+ 2. $\mathbb{Q}e3+$ $\mathbb{Q}xe3+$ 3. $\mathbb{Q}d2+$ **Qxd2#**
 1... $\mathbb{Q}xg7$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}xc3$ 3. $\mathbb{Q}d2+$ **Qxd2#**
 but 1...e3!

1. $\mathbb{Q}e5?$ f4!
 1. $\mathbb{Q}xf5?$ $\mathbb{Q}xg7!$
 1. $\mathbb{Q}a7?/\mathbb{Q}b6?$ $\mathbb{Q}xg7!$

s#3

(11+9)

1.f4?
 1...gxf4 2. $\mathbb{Q}e3+$ fxe3 3. $\mathbb{Q}d2+$ **exd2#** (g-pawn)
 1...g4 2. $\mathbb{Q}xh6$ e3 3. $\mathbb{Q}d2+$ **exd2#** (e-pawn)
 1... $\mathbb{Q}xg7$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}xc3$ 3. $\mathbb{Q}d2+$ **Qxd2#**
 but 1...exf3 e.p.!

1.b4?
 1...axb4 2. $\mathbb{Q}c3+$ bxc3 3. $\mathbb{Q}d2+$ **cxd2#** (a-pawn)
 1... $\mathbb{Q}xg7$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}xc3$ 3. $\mathbb{Q}d2+$ **Qxd2#**
 but 1...f4!

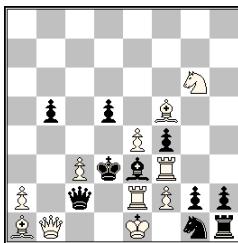
1. $\mathbb{Q}b4?$
 1...axb4 2. $\mathbb{Q}c3+$ bxc3 3. $\mathbb{Q}d2+$ **cxd2#** (a-pawn)
 1...f4 2. $\mathbb{Q}e3+$ fxe3 3. $\mathbb{Q}d2+$ **exd2#** (f-pawn)
 but 1... $\mathbb{Q}xg7!$

1. $\mathbb{Q}b4! Z$
 1...axb4 2. $\mathbb{Q}c3+$ bxc3 3. $\mathbb{Q}d2+$ **cxd2#** (a-pawn)
 1...e3 2. $\mathbb{Q}d6+$ exd6 3. $\mathbb{Q}d2+$ **exd2#** (e-pawn)
 1...f4 2. $\mathbb{Q}e3+$ fxe3 3. $\mathbb{Q}d2+$ **exd2#** (f-pawn)
 1...g4+ 2. $\mathbb{Q}e3+$ $\mathbb{Q}xe3+$ 3. $\mathbb{Q}d2+$ **Qxd2#**
 1... $\mathbb{Q}xg7$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}xc3$ 3. $\mathbb{Q}d2+$ **Qxd2#**

(1. $\mathbb{Q}g7\sim?$ $\mathbb{Q}f8!$
 1. $\mathbb{Q}xh6?$ g4!)

Mates by four different pawns on the same square

F034



s#3

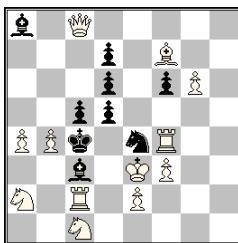
(11+10)

1. ♜e6! Z

- 1... b4 2. ♜xd5 bxc3 3. ♜d2+ **cxd2#** (2... b3 3.axb3 ♜xb1#/~#)
- 1... ♜c4 2. ♜b4+ ♜d3 3. ♜d2+ **xd2#**
- 1... d4 2. ♜d5 dxc3 3. ♜d2+ **cxd2#** (2... b4 3.cxb4 ♜xb1#/~#)
- 1... ♜xe4 2. ♜xf4+ ♜d3 3. ♜d2+ **xd2#**
- 1... dxe4 2. ♜fxe3+ fxe3 3. ♜d2+ **exd2#**

Five thematic mates with different pieces on d2. The key destroys a prepared battery and gives additional flight to black king: if he moves, then White unpins black pieces with tempo; if black pawns move, then they arrive to d2 trying to escape a new zugzwang

F035



s#3

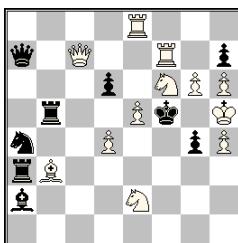
(12+9)

1. b5! [2. ♜xa8 f5 3. ♜e8 d4#]

- 1... f5 2. ♜h8 [3. ♜d4+ **cxd4#**]
- 1... ♜b7 2. ♜xb7 f5 3. ♜e8 **d4#**
- 1... ♜c6 2. ♜d2 [3. ♜d4+]
- 2... ♜6~ 3. ♜d4+ **xd4#**
- 2... ♜3~ 3. ♜d4+ **cxd4#**

Three quiet direct unpinnings of thematic black pieces

F036



s#3

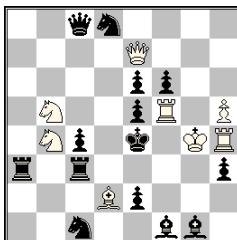
(12+9)

1. g7! [2. g8 ♜ [3. ♜g6+ hxg6#]]

- 1... ♜c3 2. ♜c2+ ♜e4 3. ♜d7+ **xf7#**
- 1... ♜xe5 2. ♜c2+ ♜e4 3. ♜d5+ **xf7#**

Battery play, W \square and W \triangle change functions, theme extended by different white and black pieces moving to the same square on move 2, quiet threat, both black defences aim in their motivation at the same square (capturing W \triangle e2)

F037



- 1. $\text{Q}h7!$** [2. $\text{Q}xe5+$ $\text{Q}xe5$ 3. $\text{Q}f5+$ exf5\#]
 1... $\text{Q}f3$ 2. $\text{Q}xe5+$ $\text{Q}xe5$ 3. $\text{Q}f4+$ Qxf4\#
 1... $\text{Q}e3$ 2. $\text{Q}f2+$ (2. $\text{Q}f1+?$ 3. $\text{Q}xh3+?$) $f5+$ 3. $\text{Q}g3+$ Qf4\#
 1... $\text{Q}d3$ 2. $\text{Q}xf1+$ (2. $\text{Q}f2+?$ 3. $\text{Q}g3+?$) $f5+$ 3. $\text{Q}xh3+$ Qf4\#

Three thematic mating moves on f4 by three different black pieces.

Three black defences on the same rank

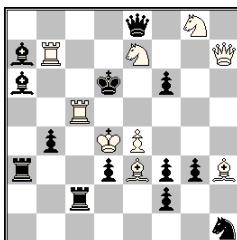
Three different W2 moves of the W $\text{Q}/W\text{R}$ battery with dual avoidance

White King mated on three different squares

s $\#\!3$

(8+14)

F038



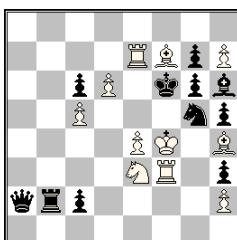
- 1. $\text{Q}g6!$** [2. $\text{Q}xg3+$ $\text{Q}xg3$ 3. $e5+$ fxe5\#]
 1... $\text{Q}xg8$ 2. $\text{Q}xf6+$ $\text{Q}e6$ 3. $\text{Q}e5+$ Qxe5\#
 1... $\text{Q}xc5$ 2. $\text{Q}d7+$ $\text{Q}xd7$ 3. $\text{Q}f4+$ Qe5\#
 1... $\text{Q}b8$ 2. $\text{Q}f5+$ $\text{Q}e6$ 3. $\text{Q}e5+$ Qxe5\#

Economical 4-fold setting with four distinct white third moves

s $\#\!3$

(9+13)

F039



Thematic tries 1. $\text{Q}c4?$ and 1. $\text{Q}xa2?$ [2. $\text{Q}e6+$ $\text{Q}f7$ 3. $\text{Q}e5+$ $\text{Q}xf3\#$] are parried by 1... $\text{Q}xc4!$ and 1... $\text{Q}xa2!$

- 1. $\text{Q}b3!$** [2. $\text{Q}e6+$ $\text{Q}f7$ 3. $\text{Q}e5+$ $\text{Q}xf3\#$]
 1... $\text{Q}xb3$ 2. $\text{Q}g4+$ hxg4 3. $\text{Q}xg4+$ $\text{Q}xf3\#$ (not 2. $\text{Q}d5+?$ $\text{Q}xd5!$ 3.?)
 1... $\text{Q}xb3$ 2. $\text{Q}d5+$ cxsd5 3. $\text{Q}g3+$ $\text{Q}xf3\#$

s $\#\!3$

(11+11)

F040

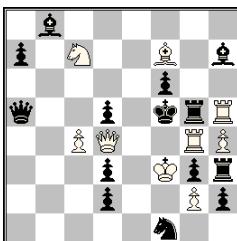


s#3

(9+14)

- 1. ♜xb7!** [2. ♜d8+ ♜xd8 3. ♜d5+ ♜xd5#]
 1... ♜xc3 2. ♜b6+ axb6 3. ♜xb4+ ♜d5#
 1... ♜f3 2. ♜f6+ gxf6 3. ♜xd3+ ♜d5#

F041



s#3

(9+14)

- 1. ♜b5!** [2. ♜f4+ ♜xf4 3. ♜e4+ ♜xe4#]
 1... dxcc4 2. ♜d7+ ♜e5 3. ♜e4+ ♜xe4#
 1... ♜c7 2. ♜gxg5+ fxg5 3. ♜f4+ ♜xf4#
 1... ♜xh4 2. ♜xd5+ ♜e5 3. ♜f4+ ♜xf4#

Sacrifice of W \square and W \blacksquare on e4/f4 in threat and 3 variations. Mate by 4 different black units (\square e4/ \blacksquare e4 and \square f4/ \blacksquare f4).

F042



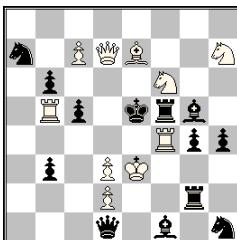
s#3

(10+13)

- 1. ♜f2!** [2. ♜xf3+ ♜xf3+ 3. ♜e2+ ♜xe2#]
 1... ♜xg6 2. ♜xd5+ ♜e3 3. ♜e2+ ♜xe2#
 1... dxc1 ♜ 2. ♜b5 [3. ♜f1+ ♜e2#]
 1... ♜e8 2. ♜xf4+ ♜xf4 3. ♜xd2+ ♜xd2#
 1... ♜xc1 2. ♜a5 [3. ♜xd2+ ♜xd2#]
 1... dxc1 ♜ 2. ♜e1 [3. ♜d2+ ♜xd2#]

Six thematic variations and three groups of events occurring on the same square (known as "same-square mechanisms"): black defenses on c1 and mating moves on e2 and d2

F043



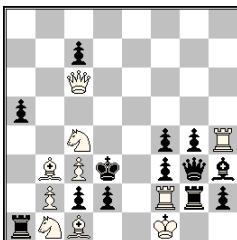
s#3

(10+13)

1. **Qf8!** [2. $\mathbb{Q}xc5+$ $bxc5$ 3. $\mathbb{Q}d4+$ **cx d4#** (original $\mathbb{Q}b6$)]
- 1... $\mathbb{Q}xb5$ 2. $\mathbb{Q}d6+$ $\mathbb{Q}xd6$ 3. $d4+$ (original $\mathbb{Q}d3$) **cx d4#** (original $\mathbb{Q}c5$)
- 1... $\mathbb{Q}xd3$ 2. $\mathbb{Q}xf5+$ $\mathbb{Q}xf5$ 3. $d4+$ (original $\mathbb{Q}d2$) **Qxd4#**
- 1... $\mathbb{Q}xf6$ 2. $\mathbb{Q}d6+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}d4+$ **Qxd4#**
- 1... $\mathbb{Q}c6$ 2. $d4+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}xf5+$ $\mathbb{Q}xf5#$

4 thematic black pieces

F044



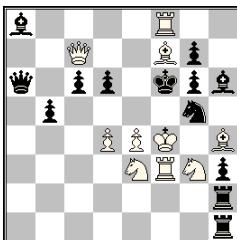
s#3

(10+13)

1. **Rh6!** [2. $\mathbb{Q}d6+$ $cxd6$ 3. $\mathbb{Q}xd2+$ **Qxd2#**]
- 1... $cx b1\mathbb{Q}$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}e3$ 3. $\mathbb{Q}xd2+$ **Qxd2#**
- 1... $dx c1\mathbb{Q}$ 2. $\mathbb{Q}d7+$ $\mathbb{Q}e4$ 3. $\mathbb{Q}bd2+$ **Qxd2#**

Black defends the thematic square with a minor promotion, white uses the newly created battery to deliver mate using the black's defensive motive

F045



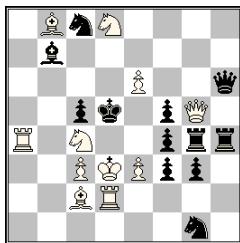
s#3

(10+13)

1. **Rd8!** [2. $\mathbb{Q}xd6+$ $\mathbb{Q}xf7$ 3. $\mathbb{Q}e5+$ $\mathbb{Q}xf3#$]
- 1... $\mathbb{Q}f2$ 2. $\mathbb{Q}h5+$ $gxh5$ 3. $\mathbb{Q}g3+$ **Qxf3#**
- 1... $\mathbb{Q}f1$ 2. $\mathbb{Q}d5+$ $cxd5$ 3. $\mathbb{Q}e3+$ **Qxf3#**
- 1... $c5$ 2. $e5+$ $dxe5+$ 3. $\mathbb{Q}g4+$ **Qxf3#**
- 1... $a3$ 2. $\mathbb{Q}d5+$ $cxd5$ 3. $\mathbb{Q}g4+$ **Qxf3#**
- 1... $a2$ 2. $\mathbb{Q}xd6+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}xg5+$ $\mathbb{Q}xg5#$

5 black pieces mate on f3

F046

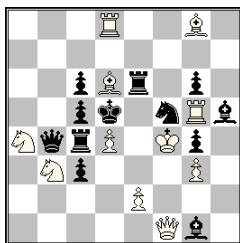


- 1.e7!** [2. $\mathbb{Q}g8+$ $\mathbb{Q}xg8/\mathbb{Q}e6$ 3.e4+ **fxe4#**]
 1... $\mathbb{Q}g7$ 2. $\mathbb{Q}xf5+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}e4+$ **$\mathbb{Q}xe4#$**
 1... $\mathbb{Q}d6$ 2. $\mathbb{Q}b6+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}e4+$ **$\mathbb{Q}xe4#$**
 1...fxe3 2. $\mathbb{Q}xe3+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}e4+$ **$\mathbb{Q}xe4#$**
 (1... $\mathbb{Q}g6$ 2. $\mathbb{Q}xf5+$ $\mathbb{Q}xf5$ + 3.e4+ $\mathbb{Q}xe4#$)

Fourfold play on the same square (e4) at W3 and B3 moves in a "Theme of the Future" form.

- I) Play by the same type of pieces in the threat (3.P+P#) and after 1... $\mathbb{Q}g7$ ($\mathbb{Q}+\mathbb{Q}#$), with unpin of the black pieces;
 II) Exchange of the types of pieces after 1... $\mathbb{Q}d6$ ($\mathbb{Q}+\mathbb{Q}#$) and 1...fxe3 ($\mathbb{Q}+\mathbb{Q}#$), with exchanged strategy (W \mathbb{Q} 's line opening & B \mathbb{Q} 's arrival on the e-file after 1... $\mathbb{Q}d6$; B \mathbb{Q} 's line opening & W \mathbb{Q} 's arrival on the e-file after 1...fxe3) and double pin of black units in the final position

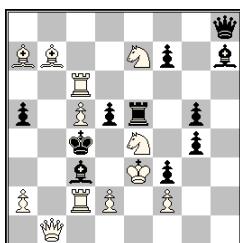
F047



- 1. $\mathbb{Q}a1!$** [2. $\mathbb{Q}g2+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}e4+$ **$\mathbb{Q}xe4#$**]
 1... $\mathbb{Q}xd4$ 2. $\mathbb{Q}c2+$ $\mathbb{Q}d5+$ 3.e4+ **$\mathbb{Q}xe4#$**
 1... $\mathbb{Q}b1$ 2. $\mathbb{Q}e5+$ $\mathbb{Q}d6$ 3.e4+ **$\mathbb{Q}xe4#$**
 1... $\mathbb{Q}xd4$ 2. $\mathbb{Q}c2$ [3. $\mathbb{Q}e3+$ **$\mathbb{Q}xe3#$** $\mathbb{Q}\sim+$ 3.e4+ **$\mathbb{Q}xe4#$**
 1...cxd4 2. $\mathbb{Q}f3+$ $\mathbb{Q}xf3$ 3.e4+ **$\mathbb{Q}xe3$ e.p.#**

s#3 (11+12)

F048



- 1. $\mathbb{Q}b6!$** [2. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5$ 3.d3+ **$\mathbb{Q}xd3#$**]
 1...dxе4 2. $\mathbb{Q}a6+$ $\mathbb{Q}xc5$ 3.d4+ **$\mathbb{Q}xd3$ e.p.#**
 1... $\mathbb{Q}xe7$ 2. $\mathbb{Q}xc3+$ $\mathbb{Q}xc3$ + 3. $\mathbb{Q}d3+$ **$\mathbb{Q}xd3#$**
 1... $\mathbb{Q}xe4$ 2. $\mathbb{Q}b4+$ axb4 3. $\mathbb{Q}f1+$ **$\mathbb{Q}d3#$**

4 thematic black pieces

s#3 (12+11)

F049



1. $\mathbb{Q}g8!$ [2. $\mathbb{Q}f6+$ $gxf6$ 3. $e5+$ $\mathbb{fxe5\#}$]
 1... $\mathbb{Q}xf3$ 2. $\mathbb{Q}d4+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}e5+$ $\mathbb{Qxe5\#}$
 1... $\mathbb{Q}c7$ 2. $\mathbb{Q}b5+$ $\mathbb{Q}xb5$ 3. $\mathbb{Q}e5+$ $\mathbb{Qxe5\#}$
 1... $fxe4$ 2. $\mathbb{Q}b4+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}e5+$ $\mathbb{Qxe5\#}$

Four thematic variations and four different third white moves to the same square

s#3

(12+11)

F050



1. $\mathbb{Q}4f6?$ $\mathbb{Q}xg3!$
 1. $\mathbb{Q}f2!$ [2. $\mathbb{Q}d5+$ $exd5$ 3. $d4+$ $\mathbb{cxdd4\#}$] ($\mathbb{Q}-\mathbb{Q}$)
 1... $\mathbb{Q}xf2$ 2. $\mathbb{Q}xc5+$ $\mathbb{Q}xc5$ 3. $\mathbb{Q}d4+$ $\mathbb{Qxd4\#}$ ($\mathbb{Q}-\mathbb{Q}$)
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}d5+$ 3. $\mathbb{Q}d4+$ $\mathbb{Qxd4\#}$ ($\mathbb{Q}-\mathbb{Q}$)
 1... $\mathbb{Q}c2/\mathbb{Q}1b3/\mathbb{Q}5b3/\mathbb{Q}c6$ 2. $d4+$ $\mathbb{Q}xd4$ 3. $\mathbb{Q}e2+$ $\mathbb{Q}xe2\#$

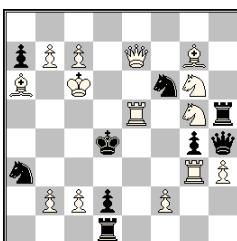
Same white and black pieces play on d4

Opening the white line (after 1... $\mathbb{Q}xf2$) and black line (after 1... $\mathbb{Q}xc4$)

s#3

(13+10)

F051

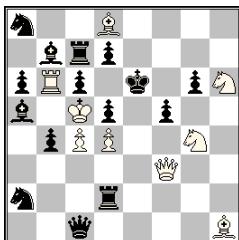


- 1... $\mathbb{Q}xg5$ 2. $\mathbb{Q}d5+$ $\mathbb{Q}xd5X.$
 1. $\mathbb{Q}e2?!$ $\mathbb{Q}g1!$
 1. $\mathbb{Q}e1!$ [2. $\mathbb{Q}xg4+$ $\mathbb{Q}xg4$ 3. $\mathbb{Q}d7+$ $\mathbb{Q}xd7\#$]
 1... $\mathbb{Q}xe1/\mathbb{Q}dx1$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}xe4$ 3. $\mathbb{Q}e6+$ $\mathbb{Q}xe6\#$
 1... $\mathbb{Q}xg3$ 2. $c3+\mathbb{Q}xc3+$ 3. $\mathbb{Q}c5+\mathbb{Q}xc5\#$
 1... $\mathbb{Q}c4$ 2. $\mathbb{Q}f3+\mathbb{Q}c4/gxf3$ 3. $\mathbb{Q}c5+\mathbb{Q}xc5\#$
 1... $\mathbb{Q}b5$ 2. $\mathbb{Q}f3+\mathbb{Q}c4/gxf3$ 3. $\mathbb{Q}c5+\mathbb{Q}xc5\#$
 1... $\mathbb{Q}xg5$ 2. $\mathbb{Q}b4+\mathbb{Q}c4$ 3. $\mathbb{Q}c5+\mathbb{Q}xc5\#$
 1... $\mathbb{Q}xe1$ 2. $c3+\mathbb{Q}xc3+$ 3. $\mathbb{Q}c5+\mathbb{Q}xc5\#$
 1... $\mathbb{Q}dx1$ 2. $c3+\mathbb{Q}xc3+$ 3. $\mathbb{Q}c5+\mathbb{Q}xc5\#$

s#3

(14+9)

F052

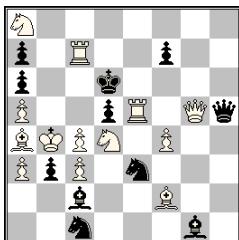


1. $\mathbb{Q}f6?$ $\mathbf{fxg4!}$
 1. $\mathbb{Q}h4?$ 1... $g5!$
- 1. $\mathbb{Q}g5!$** [2. $\mathbb{Q}xc6$ 3. $\mathbb{Q}xc6$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$, 2... $dxcc6$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$]
 1... $dxcc4$ 2. $\mathbb{Q}e4+$ $fxe4$ 3. $d5+$ $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}xb6$ 2. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}c3$ 2. $\mathbb{Q}xf5+$ $gxf5$ 3. $cxd5+$ $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}xd4$ 2. $\mathbb{Q}xf5+$ $gxf5$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}xd5\#$
 1... $\mathbb{Q}xh1$ 2. $\mathbb{Q}xf5+$ $gxf5$ 3. $cxd5+$ $\mathbb{Q}xd5\#$

s#3

(9+15) 6 thematic black pieces

F053



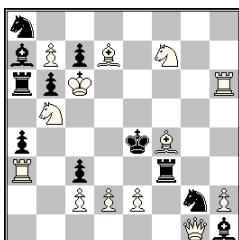
- 1. $\mathbb{R}b7!$** [2. $\mathbb{Q}b6+$ $axb6$ 3. $c5+$ $\mathbb{Q}xc5\#$]
 1... $dxcc4$ 2. $\mathbb{Q}e6+$ $fxe6$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$
 1... $\mathbb{Q}xc4$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}xf5$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$

Three mates on c5, of which two appear after bicolour line opening at B1 & W2 moves and bicolour clearance on W3 & B3 moves, with exchanged functions of $W\mathbb{Q}d4$ & $W\mathbb{Q}e5$

s#3

(13+11)

F054



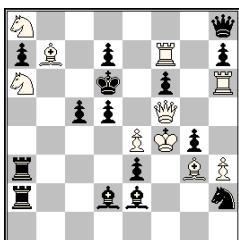
- 1... $\mathbb{Q}e3$ 2. $d3+$ $\mathbb{Q}xf4$ 3. $\mathbb{Q}g3+$ $\mathbb{Q}xg3\#$
 1... $\mathbb{Q}f1$ 2. $\mathbb{Q}e3+$ $\mathbb{Q}xe3$ 3. $d3+$ $\mathbb{Q}xf4\#$
 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}g5+$ $\mathbb{Q}e5$ 3. $\mathbb{Q}c5+$ $\mathbb{Q}xc5\#$
 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}h4+$ $\mathbb{Q}xh4$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}xe3\#$

- 1. $\mathbb{Q}c5!$** [2. $\mathbb{Q}xa4+$ $\mathbb{Q}xa4$ 3. $\mathbb{Q}c4+$ $\mathbb{Q}xc4\#$]
 1... $\mathbb{Q}e3$ 2. $\mathbb{Q}e7+$ $\mathbb{Q}xf4$ 3. $\mathbb{Q}xe3+$ $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}d2$ 2. $cxd3+$ $\mathbb{Q}xf4$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}xe3\#$
 1... $\mathbb{Q}xf4$ 2. $\mathbb{Q}h4+$ $\mathbb{Q}xh4$ 3. $\mathbb{Q}e3+$ $\mathbb{Q}xe3\#$

s#3

(13+11)

F055



s#3

(10+15)

1. ♜g8c7! [2. ♜e8+ ♛xe8 3. ♜e5+ ♛xe5#]

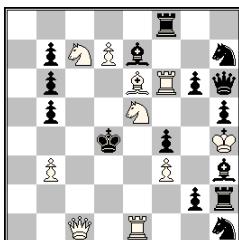
- 1... ♛g7 2. ♜e6+ dx6 3. e5+ **fxe5#**
- 1... ♜c3 2. ♜b5+ ♛xb5 3. ♜x3+ **♛e5#**
- 1... ♜f3 2. ♜xf6+ ♛xf6+ 3. ♜xg4+ **♛e5#**

(1. ♜6c7? c4!)

SOTF. Two checkmates by direct attack and two checkmates delivered by battery. Twice W \square c7 is sacrificed on the second move and twice the W \square

The choice of key

F056



s#3

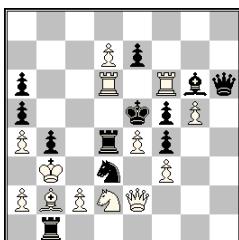
(10+15)

1. ♜g4! [2. ♜xb5+ ♜d5 3. ♜e6+ ♛xe6#]

- 1... ♛g5 2. ♜d1+ ♛xe5 3. ♜e6+ **♛xe6#**
- 1... ♜xf6 2. ♜d2+ ♜c5 3. ♜e6+ **♛xe6#**

Delayed Umnov effect between the 1st and 3rd white move
Switchback of white bishop

F057



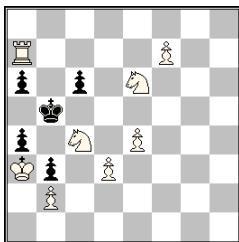
s#3

(13+12)

1. d8♞! [2. ♜f7+ ♛xf7+ 3. ♜c4+ ♜xc4#]

- 1... ♜~ 2. ♜b5+ axb5 3. ♜c4+ **bxc4#**
- 1... ♜xb2 2. exf5+ ♜e4 3. ♜c4+ **♞xc4#**
- 1... ♜h7 2. ♜fe6+ ♛xe6+ 3. ♜c4+ **♞xc4#**
- 1... e6 2. ♜d5+ exd5 3. ♜c4+ **dxc4#**

F058



s#4

(8+5)

1. $\mathbb{Q}e7?$ Z

1...c5 **a** 2. $\mathbb{Q}c7+$ $\mathbb{Q}c6$ 3. $\mathbb{Q}xa6$ $\mathbb{Q}b5$ 4. $\mathbb{Q}b4$ **cxb4# A**
but 1...a5! **b**

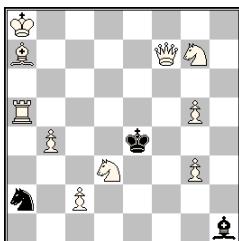
1. $\mathbb{Q}c7?$ Z

1...a5 **b** 2. $\mathbb{Q}d4+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}xc6$ $\mathbb{Q}b5$ 4. $\mathbb{Q}b4$ **axb4# B**
2... $\mathbb{Q}a6$ 3. $\mathbb{Q}xc6$ $\mathbb{Q}b5$ 4. $\mathbb{Q}b4$ **axb4#**
but 1...c5! **a**

1. $f8\mathbb{Q}!$ Z

1...c5 **a** 2. $\mathbb{Q}d6$ a5 **b** 3. $\mathbb{Q}e5$ c4 4. $\mathbb{Q}b4$ **axb4# B**

F059



s#4

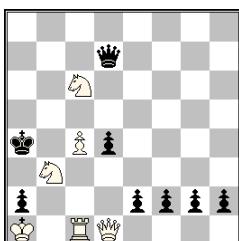
(10+3)

1. $\mathbb{Q}a3!$ [2. $\mathbb{Q}f4$ + $\mathbb{Q}d5$ 3. c4+ $\mathbb{Q}c6$ 4. $\mathbb{Q}c7+$ $\mathbb{Q}xc7#$]

1... $\mathbb{Q}c3$ 2. $\mathbb{Q}b7+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}f2+$ $\mathbb{Q}e5$ 4. $\mathbb{Q}b8+$ $\mathbb{Q}c7#$

(1. $\mathbb{Q}xa2?$ $\mathbb{Q}f3$ 2. $\mathbb{Q}f4+$ $\mathbb{Q}d5$ 3. c4+ $\mathbb{Q}c6$ 4. $\mathbb{Q}c7+$ $\mathbb{Q}xc7#$
but 1... $\mathbb{Q}g2!$)

F060



s#4

(6+8)

1. $\mathbb{Q}c5+!$

1... $\mathbb{Q}a3$ 2. $\mathbb{Q}c3+$ $\mathbb{Q}dx3$ 3. $\mathbb{Q}c2$ [4. $\mathbb{Q}b2+$ $\mathbb{Q}cx2#$]

3... $\mathbb{Q}d1+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}e1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}e1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}f1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}f1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}g1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

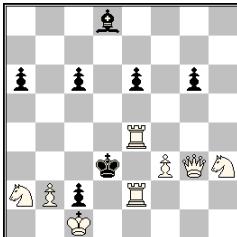
3... $\mathbb{Q}g1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}h1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

3... $\mathbb{Q}h1\mathbb{Q}+$ 4. $\mathbb{Q}c1+$ $\mathbb{Q}xc1#$

9 variations. A task?

F061



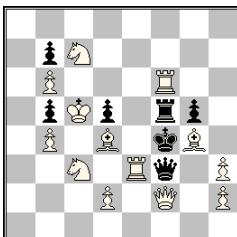
1. ♜e1! Z

- 1... ♜c7 2. ♜f4+ ♜xf4+ 3. ♜e3+ ♜xe3+ 4. ♜d2+ ♜xd2#
- 1... ♜e7 2. ♜b4+ ♜xb4 3. ♜c3+ ♜xc3 4. ♜d2+ ♜xd2#
- 1... ♜h4 2. ♜f2+ ♜xf2 3. ♜e3+ ♜xe3+ 4. ♜d2+ ♜xd2#
- 1... a5 2. ♜b4+ axb4 3. ♜c3+ bxc3 4. ♜d2+ cxd2#
- 1... c5 2. ♜b4+ cxb4 3. ♜c3+ bxc3 4. ♜d2+ cxd2#
- 1... e5 2. ♜f4+ exf4 3. ♜e3+ fxe3 4. ♜d2+ exd2#
- 1... g5 2. ♜f4+ gxf4 3. ♜e3+ fxe3 4. ♜d2+ exd2#

s#4

(8+7)

F062



1. ♜d3! Z

- 1... ♜xf2 2. ♜e2+ ♜xe2 3. ♜f3+ ♜xf3 4. ♜xd5+ ♜xd5#
- 1... ♜xf6 2. ♜e6+ ♜xe6 3. ♜e5+ ♜xe5 4. ♜xd5+ ♜xd5#

Exchange of roles between the following pairs of pieces:

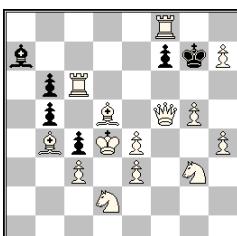
B $\ddot{\text{Q}}$ and B $\ddot{\text{R}}$, W $\ddot{\text{Q}}$ and W $\ddot{\text{R}}$, W $\ddot{\text{B}}$ e3 and W $\ddot{\text{B}}$, W $\ddot{\text{Q}}$ c3 and W $\ddot{\text{Q}}$ c6

Reciprocal role of pins (either destroyed or exploited)

s#4

(13+7)

F063



1. ♜a8! Z

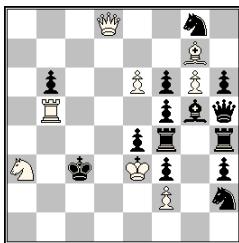
- 1... ♜b8 2. ♜h5+ ♜h8 3. ♜h6 f6 4. ♜e5 fxe5#
- 1... f6 2. ♜d7+ ♜g6 3. ♜f3 ♜b8 4. ♜e5+ ♜xe5#

The passive black piece is forced to mate

s#4

(14+6)

F064

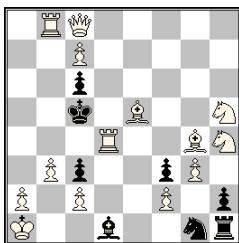


s#4

(8+14)

1. **♞f8!** [2. ♜c5 [3. ♜d3+ exd3 4. ♜d4+ ♜xd4#]
1... ♜hg4 2. ♜d6 [3. ♜e5+ fxe5 4. ♜d4+ **exd4#**]
1... ♜e7 2. ♜xe7 [3. ♜xf6+ ♜xf6 4. ♜d4+ **xd4#**]

F065

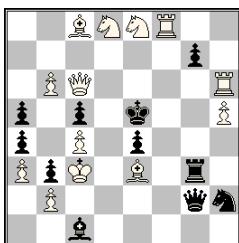


s#4

(14+8)

1. **♞f5! Z**
1... ♜e2 2. ♜c4+ ♜d5 3. ♜f4+ ♜xf4 4. ♜xf3+ ♜xf3#
1... ♜e2 2. ♜d6+ ♜xd4 3. ♜b4+ ♜c4 4. ♜xf3+ ♜xf3#
(1... ♜xc2 2. ♜d6+... 1... ♜h3 2. ♜c4+...)

F066

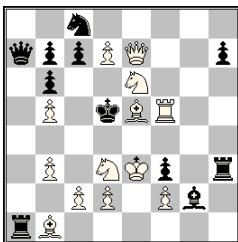


s#4

(13+11)

- 1... ♜h3 2. ♜e6+ ♜xe6 3. ♜xc5+ ♜d5 4. ♜d4+ ♜xd4#
1... ♜f3 2. ♜f7+ ♜xf7 3. ♜c7+ ♜xc7 4. ♜d4+ **cxd4#**
1. ♜f6! [2. ♜e8+ ♜d6 3. ♜d7+ ♜e5 4. ♜d4+ **cxd4#**]
1... ♜f3 2. ♜xe4+ ♜d6 3. ♜xc5+ ♜xc5 4. ♜d4+ ♜xd4#
1... ♜xe3 2. ♜xc5+ ♜f4 3. ♜xe4+ ♜xe4 4. ♜d4+ ♜xd4#
1... ♜h3 2. ♜d7+ ♜xd7 3. ♜xc5+ ♜d5 4. ♜d4+ ♜xd4#

F067



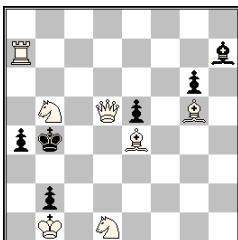
s‡4

(13+11)

- 1.d8Q!** [2.Qd7+ Qd6 3.Qc6+ bxc6 4.Qf4+ Qxf5#]
 1...Qa3 2.Qb4+ Qxb4 3.c4+ Qxc4 4.Qe4+ Qxe4#
 1...Qh5 2.Qxc7+ Qxf5 3.Qef4+ Qxf4 4.Qe4+ Qxe4#

Twice double line opening for white line movers in the diagonal-orthogonal form

F068



s‡5

(7+6)

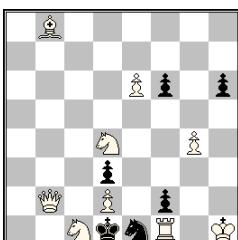
- 1.Qd6? a3!

- 1.Qa3! Z**
 1...Qxa3 2.Qc5+ Qb3 3.Qxh7 a3 4.Qc6 e4 5.Qe3 a2#
 1...Qg8 2.Qd2+ Qxa3 3.Qxa4+ Qa4 4.Qc2+ Qa3 5.Qa2+ Qxa2#

Theme Svoboda (Zilahi)

Model mates

F069



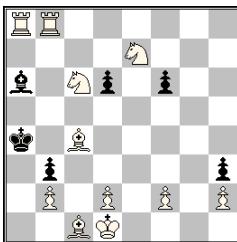
s‡5

(9+6)

- 1.Qh2!**

- 1...f5 2.gxf5 h5 3.Qxd3 h4 4.Qf4 h3 5.Qg2 hxg2#
 1...h5 2.gh5 f5 3.Qf3 f4 4.Qh4 f3 5.Qg2 fxg2#

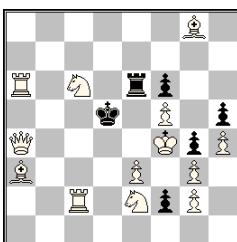
F070



s#5

(11+6)

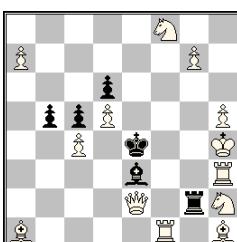
F071



s#5

(13+6)

F072

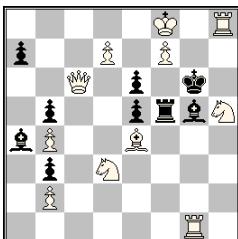


Reciprocal exchange of functions of black officers
Model mates

s#5

(13+6)

F073



s#5

(11+9)

1. $\mathbb{Q}d\sim?$

1...a5 2. $\mathbb{Q}e8 axb4$ 3. $\mathbb{Q}b1 e4$ 4. $\mathbb{Q}xe6+$ $\mathbb{R}f6$ 5. $f8\mathbb{Q}$ $\mathbb{Q}xe6\#$
but 1...a6!

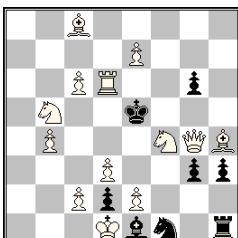
1. $\mathbb{Q}c5?$

1...a6 2. $\mathbb{Q}g8 a5$ 3. $f8\mathbb{Q}$ $axb4$ 4. $\mathbb{Q}xb3$ $\mathbb{Q}xb3$ 5. $\mathbb{Q}xe6+$ $\mathbb{Q}xe6\#$
but 1...a5!

1. $\mathbb{Q}c1!$

1...a5 2. $\mathbb{Q}e8 axb4$ 3. $\mathbb{Q}b1 e4$ 4. $\mathbb{Q}xe6+$ $\mathbb{R}f6$ 5. $f8\mathbb{Q}$ $\mathbb{Q}xe6\#$
1...a6 2. $\mathbb{Q}g8 a5$ 3. $f8\mathbb{Q}$ $axb4$ 4. $\mathbb{Q}xb3$ $\mathbb{Q}xb3$ 5. $\mathbb{Q}xe6+$ $\mathbb{Q}xe6\#$

F074



s#5

(13+8)

1. $\mathbb{Q}xg6?$ [2. $d4+\mathbb{Q}e4$ 3. $\mathbb{Q}g2+\mathbb{Q}d5$ 4. $\mathbb{Q}e3+\mathbb{Q}xe3\#$]

1... $\mathbb{Q}f2$ 2. $\mathbb{Q}e6+$ $\mathbb{Q}xf4$ 3. $\mathbb{Q}d6+\mathbb{Q}e3$ 4. $\mathbb{Q}xg3+\mathbb{Q}xg3$ 5. $\mathbb{Q}xg3+\mathbb{Q}xg3\#$
but 1... $\mathbb{Q}h2!$

1. $\mathbb{Q}xg6?$ $\mathbb{Q}h2$ 2. $\mathbb{Q}g7+\mathbb{Q}xf4$ 3. $\mathbb{Q}d4+\mathbb{Q}e3$ 4. $\mathbb{Q}xg3+\mathbb{Q}f3$ 5. $\mathbb{Q}f2+$
 $\mathbb{Q}xf2\#$

but 1... $\mathbb{Q}f2!$

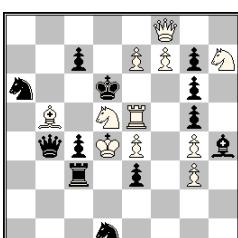
1. $\mathbb{Q}h5!$ [2. $\mathbb{Q}d5+\mathbb{Q}xd5$ 3. $\mathbb{Q}g5+\mathbb{Q}xc6$ 4. $e8\mathbb{Q}+\mathbb{Q}b6$ 5. $\mathbb{Q}e3+\mathbb{Q}xe3\#$]

1... $\mathbb{Q}f2$ 2. $d4+\mathbb{Q}xd4$ 3. $\mathbb{Q}g5+\mathbb{Q}e4$ 4. $\mathbb{Q}c3+\mathbb{Q}xc3$ 5. $\mathbb{Q}xg3+\mathbb{Q}xg3\#$

1... $\mathbb{Q}h2$ 2. $\mathbb{Q}e6+\mathbb{Q}d5$ 3. $\mathbb{Q}f3+\mathbb{Q}xf3$ 4. $\mathbb{Q}d6+\mathbb{Q}e5$ 5. $\mathbb{Q}xg3+\mathbb{Q}xg3\#$

White forces openings of Black's half-battery, with replacement of guards for d2

F075



s#5

(11+12)

1. $\mathbb{Q}f5!$ [2. $e8\mathbb{Q}+\mathbb{Q}e6$ 3. $\mathbb{Q}xg5+\mathbb{Q}xg5$ 4. $\mathbb{Q}f4+\mathbb{Q}xf4$ 5. $\mathbb{Q}e5+\mathbb{Q}xe5\#$]

1... $gx5$ 2. $e8\mathbb{Q}+\mathbb{Q}e6$ 3. $\mathbb{Q}e7+\mathbb{Q}xe7$ 4. $gx5+\mathbb{Q}d6$ 5. $e5+\mathbb{Q}xe5\#$

1... $c6$ 2. $e8\mathbb{Q}+\mathbb{Q}d7$ 3. $\mathbb{Q}hf6+\mathbb{Q}xf6$ 4. $\mathbb{Q}d8+\mathbb{Q}e6$ 5. $\mathbb{Q}e5+\mathbb{Q}xe5\#$

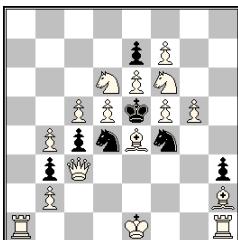
1... $\mathbb{Q}e6$ 2. $e8\mathbb{Q}+\mathbb{Q}e7$ 3. $\mathbb{Q}c6+\mathbb{Q}d6$ 4. $\mathbb{Q}cx6+\mathbb{Q}xd6$ 5. $\mathbb{Q}e5+\mathbb{Q}xe5\#$

Flight-giving sacrifice key

AUW. Four thematic variations and four different black moves to the same square

Switchback of W \mathbb{Q}

F076



1.f8 \blacksquare ? exf6!
1.f8 \blacksquare ? exd6!

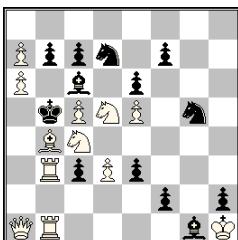
1.f8 \blacksquare ! Z

1...exd6 2.0-0-0 dxc5 3. \blacksquare he1 cxb4 4. \blacksquare e2 bxc3 5. \blacksquare b1+ \blacksquare dxe2#
1...exf6 2.0-0 fxg5 3. \blacksquare ae1 g4 4. \blacksquare e2 g3 5. \blacksquare h1+ \blacksquare fxe2#

s#5

(16+7)

F077



1.a8 \blacksquare ? b6/bxa6!

**1.a8 \blacksquare ! [2. \blacksquare d6+ cxd6 3. \blacksquare a5+ \blacksquare xc5 4. \blacksquare xc3+ \blacksquare xd5 5. \blacksquare d4+ \blacksquare xd4#]
1...exd5 2. \blacksquare xc3+ \blacksquare xc5 3. \blacksquare b4+ \blacksquare b5 4. \blacksquare d2+ \blacksquare c5 5. \blacksquare xe3+ \blacksquare d4#
1... \blacksquare f3 2. \blacksquare a3+ \blacksquare a4 3. \blacksquare b6+ \blacksquare xb6/cxb6 4. \blacksquare c2+ \blacksquare b5 5. \blacksquare d4+
 \blacksquare xd4#**

Three different black pieces mate on d4

Underpromotion key with selfmate-specific motivation

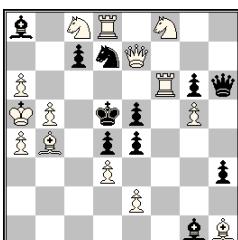
Black battery in the threat and in the defences

Siers-like white battery play

s#5

(12+13)

F078

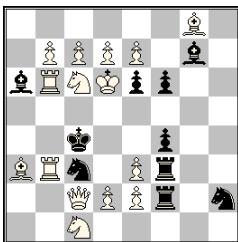


**1. \blacksquare d2! [2. \blacksquare e6+ \blacksquare c5 3. \blacksquare c6+ \blacksquare xc6 4. \blacksquare b4+ \blacksquare d5 5. \blacksquare b6+ \blacksquare xb6#]
1...c6 2. \blacksquare d6+ \blacksquare c5 3. \blacksquare xd4+ \blacksquare xd4 4. \blacksquare b4+ \blacksquare d5 5. \blacksquare b6+ \blacksquare xb6#
1...c5 2. \blacksquare xe5+ \blacksquare xe5 3. \blacksquare f4+ \blacksquare d5 4. \blacksquare f5+ gxf5 5. \blacksquare b6+ \blacksquare xb6#**

s#5

(14+11)

F079

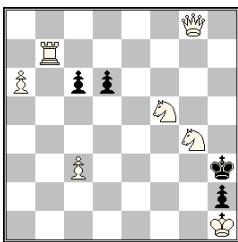


1. **Qxe6!** [2. $\mathbb{Q}b4+$ $\mathbb{Q}c5$ 3. $\mathbb{Q}xf4+$ $\mathbb{Q}xc6$ 4. $\mathbb{Q}c4+$ $\mathbb{Q}xc4\#$
 1... $\mathbb{Q}xe3+$ 2. $\mathbb{Q}f5+$ $\mathbb{Q}e6$ 3. $\mathbb{Q}xc3+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}d3+$ $\mathbb{Q}xd3+$ 5. $\mathbb{Q}e4+$ $\mathbb{Q}xe4\#$
 (or $fxe3$ e.p.†)
 1... $\mathbb{Q}b5$ 2. $\mathbb{Q}e5+$ $fxe5$ 3. $\mathbb{Q}c6+$ $\mathbb{Q}xc6$ 4. $\mathbb{Q}d6+$ $\mathbb{Q}d5$ 5. $\mathbb{Q}e4+$ $\mathbb{Q}xe4\#$
 (1... $\mathbb{Q}xb7$ 2. $\mathbb{Q}e5+$ $fxe5$ 3. $\mathbb{Q}d6+$ $\mathbb{Q}d5$ 4. $\mathbb{Q}e4+$ $\mathbb{Q}xe4\#$)

s#5

(15+10)

F080



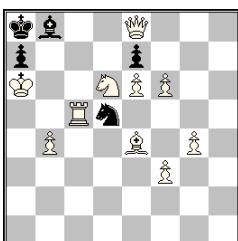
1. $\mathbb{Q}d7?$ $d5!$
 1. $\mathbb{Q}c7?$ $c5!$
1. $\mathbb{Q}b6!$ Z
 1... $c5$ 2. $\mathbb{Q}xd6$ $c4$ 3. $\mathbb{Q}d3+$ $cx d3$ 4. $a7$ $d2$ 5. $a8\mathbb{Q}$
 5... $d1\mathbb{Q}$ 6. $\mathbb{Q}f3+$ $\mathbb{Q}xf3\#$
 5... $d1\mathbb{Q}$ 6. $\mathbb{Q}f2+$ $\mathbb{Q}xf2\#$
 1... $d5$ 2. $\mathbb{Q}xc6$ $d4$ 3. $c4$ $d3$ 4. $\mathbb{Q}g6$ $d2$ 5. $\mathbb{Q}a8$ $d1\mathbb{Q}$ 6. $\mathbb{Q}f2+$ $\mathbb{Q}xf2\#$
 5... $d1\mathbb{Q}$ 6. $\mathbb{Q}f3+$ $\mathbb{Q}xf3\#$
 5... $d1\mathbb{Q}$ 6. $\mathbb{Q}f2+$ $\mathbb{Q}xf2\#$

s#6

(7+4)

Underpromotions of two black pawns on the same square
 Mates on f3 by promoted B \mathbb{Q} and on f2 by promoted B \mathbb{Q}
 Meredith

F081

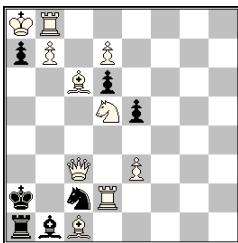


1. $\mathbb{Q}b5!$ Z
 1... $exd6$ 2. $\mathbb{Q}a5$ $a6$ 3. $\mathbb{Q}xd5+$ $\mathbb{Q}a7$ 4. $\mathbb{Q}b7+$ $\mathbb{Q}a8$ 5. $\mathbb{Q}a7+$ $\mathbb{Q}xa7$ 6. $\mathbb{Q}a4$
 $\mathbb{Q}c7\#$
 1... $exf6$ 2. $f4$ $f5$ 3. $\mathbb{Q}h1$ $fxg4$ 4. $\mathbb{Q}a5$ $g3$ 5. $\mathbb{Q}b5$ $g2$ 6. $\mathbb{Q}c7+$ $\mathbb{Q}xc7\#$

s#6

(10+5)

F082



1.e4! Z

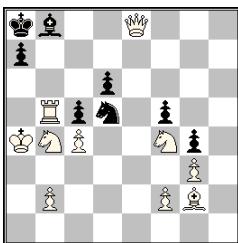
1...a5 2.♗b5 a4 3.♗d3 a3 4.♗xc2 ♗xc2 5.♕xc2+ ♔b1 6.♗b2+ **axb2#**
1...a6 2.♗a3 a5 3.♗b4+ axb4 4.♗d5+ b3 5.♗c5 dxc5 6.♗b2+ **♔xb2#**

Different batteries ($\text{♗} + \text{♔}$ and $\text{♗} + \text{♗}$) are formed on the a-file

s#6

(10+7)

F083



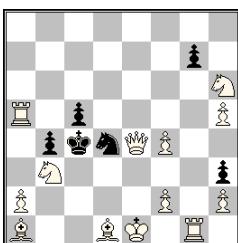
1.♔a5! Z

1...cxb4 2.♗a6 b3 3.♗e6 f4 4.♗a5 fxg3 5.f4 gxf3 e.p. 6.♗c7+ **♗xc7#**
1...a6 2.♗xd5+ ♔a7 3.♗c6+ ♔a8 4.♗b4 cxb4 5.♗xb4+ ♔a7 6.♗a4
♗c7#

s#6

(10+8)

F084



1.♗f1!

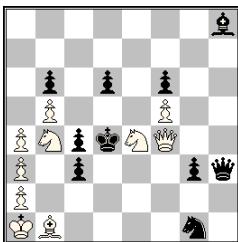
1...g5 2.♗g4 gxf4 3.♗f6 f3 4.♗c2+ ♗xc2 5.♗xc5+ ♔d3 6.♗e2+ **fxe2#**
1...g6 2.♗g5 gxh5 3.♗f3 h4 4.♗g2 hxg2+ 5.♗g1 h3 6.♗e2+ **♗xe2#**
1...gxh6 2.♗xd4 cxd4 3.♗c6+ ♔d3 4.♗c1+ ♔d2 5.♗b3 d3 6.♗e2
dxe2#

Model mates

s#6

(13+6)

F085



1. $\mathbb{Q}xg3+$!

1... $\mathbb{Q}c5$ 2. $\mathbb{Q}a6+$ $\mathbb{Q}d5$ 3. $\mathbb{Q}c7+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}e4+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}e6+$ $\mathbb{Q}d5$
6. $\mathbb{Q}xc3+$ $\mathbb{Q}xc3\#$

1. $\mathbb{Q}xf6+$!

1... $\mathbb{Q}c5$ 2. $\mathbb{Q}e4+$ $\mathbb{Q}d4$ 3. $\mathbb{Q}d2+$ $\mathbb{Q}c5$ 4. $\mathbb{Q}e3+$ $\mathbb{Q}d4$ 5. $\mathbb{Q}b3+$ $cxb3$
6. $\mathbb{Q}xc3+$ $\mathbb{Q}xc3\#$

s#6

(10+10)

2 solutions



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

**ENTRIES
SECTION G: FAIRIES**

July 2016

Judging countries

Belarus, Bulgaria, Japan, Slovenia, Switzerland
(India as reserve)

Theme

In a solution of a helpmate ($h\#2$, $h\#2.5$ or $h\#3$) with Take & Make fairy condition an “invisible capture” takes place.

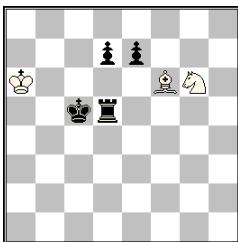
An “invisible capture” occurs when a unit standing on a square **A** can move to a square **B**, but in fact it arrives to square **B** in the “make” part of the move. The result looks like an orthodox move with the additional effect of disappearance of the captured piece. The theme may be implemented by White and/or Black. It is also considered thematic if **A** and **B** are the same square. The move which would have been illegal without the “invisible capture” is also considered thematic.

Set play, multi-solutions and twins are allowed, but not duplex, Polish-type twins (all units change color) or zero-positions. Only an orthodox set without extra (“promoted”) pieces may be used. Any side may have two bishops on squares of the same color in the diagram position.

Take & Make: Having captured, a piece must immediately, as part of its move, play a non-capturing move in imitation of the captured unit from the capture square (“make” move). If no such move is available, the capture is illegal. Promotion by capture occurs only when a pawn arrives on the promotion rank as the result of a “make” part of move. Checks are as in normal chess: after the notional capture of the checked King, the checking unit does not have to move away from the King’s square.

Pawns can never move to the first rank of their own colour and cannot be placed on such rank in diagram position.

G001

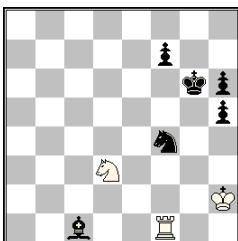


1. $\mathbb{Q}c6 \mathbb{Q}xe7-e5$ ($\mathbb{Q}e5?$) 2. $\mathbb{Q}c5 \mathbb{Q}e7\#$ ($\mathbb{Q}xe7-e6?$)
1. $\mathbb{Q}d4 \mathbb{Q}xe7-e5$ ($\mathbb{Q}e5?$) 2. $d5 \mathbb{Q}e7\#$ ($\mathbb{Q}xe7-e6?$)

h#2 (3+4)

Take & Make
2.1...

G002

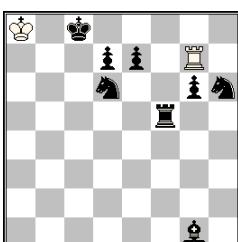


1. $h4 \mathbb{Q}xf4-g2+$ 2. $\mathbb{Q}h5 \mathbb{Q}xc1-f4\#$
1. $\mathbb{Q}g5 \mathbb{Q}xf4-e6+$ 2. $\mathbb{Q}h4 \mathbb{Q}xc1-f4\#$

h#2 (3+6)

Take & Make
2.1...

G003

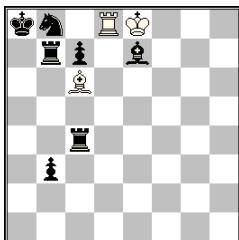


1. $\mathbb{Q}c5 \mathbb{Q}xe7-e6$ 2. $\mathbb{Q}c7 \mathbb{Q}xd6-e8\#$
1. $\mathbb{Q}f8 \mathbb{Q}xg6-g5$ 2. $\mathbb{Q}d8 \mathbb{Q}xg1-c5\#$

h#2 (2+8)

Take & Make
2.1...

G004



1. $\mathbb{N}a4 \mathbb{B}xb8-d7$ 2. $\mathbb{N}aa7 \mathbb{B}xe7-d8\#$
1. $\mathbb{R}c5 \mathbb{B}xb7-b5$ 2. $\mathbb{R}a7 \mathbb{B}xc4-c6\#$

Double invisible capture

Switchback in orthodox sense ($\mathbb{N}d8-d7-d8$ and $\mathbb{R}c6-b5-c6$), roundtrip of parallelogram shape by fairy effect ($\mathbb{B}d8-b8-d7-e7-d8$ and $\mathbb{R}c6-b7-b5-c4-c6$)

Interchange of functions of the black pieces $\mathbb{B}c4/\mathbb{B}e7$ (passive sacrifice/self-block)

Pin mate

Model mate

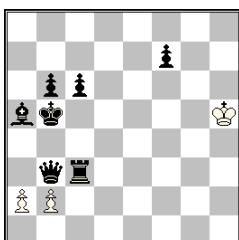
Meredith

$h\#2 \quad (3+7)$

Take & Make

2.1...

G005



a)

1. $\mathbb{K}a4 axb3-a3$ 2. $b5 bxc3-b3\#$

b)

1. $\mathbb{R}a6 axb3-a4+$ 2. $\mathbb{K}a5 bxc3-b4\#$

All white moves are thematic

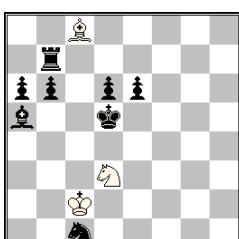
Mates are enabled by a negative form of the theme, because black king must not move to the b-file, either directly, or in the „make“-part and remains under attack, either actually, or after the „make“-part of its move

$h\#2 \quad (3+7)$

Take & Make

b) $\mathbb{K}a5 \leftrightarrow \mathbb{R}c3$

G006



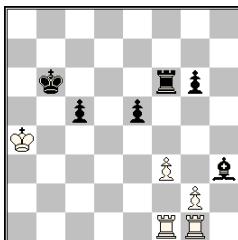
1. $\mathbb{K}d2 \mathbb{Q}xd2-c3$ 2. $\mathbb{R}d7 \mathbb{Q}xd7-b7\#$
1. $\mathbb{K}c6 \mathbb{Q}xc1-b3$ 2. $\mathbb{R}b5 \mathbb{Q}xb7-d7\#$

$h\#2 \quad (3+8)$

Take & Make

2.1...

G007



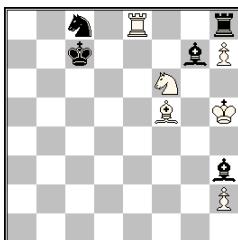
1. $\blacksquare xg2-g4 \blacksquare xg4-d7$ 2. $\blacksquare xf3-f4+$ $\blacksquare xf4-f6\#$
1. $\blacksquare xf3-f4+$ $\blacksquare xf4-f7$ 2. $\blacksquare xg2-g4 \blacksquare xg4-e6\#$

h#2 (5+6)

Take & Make

2.1...

G008



1. $\blacksquare xf5-e4 \blacksquare xh8-d8$ 2. $\blacksquare xd8-h8 \blacksquare xe4-g6\#$
1. $\blacksquare xe8-e4 \blacksquare xh3-d7$ 2. $\blacksquare xd7-h3 \blacksquare xe4-f4\#$

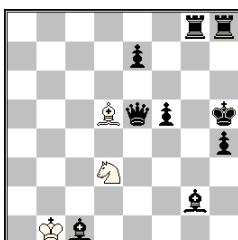
Two pairs of reciprocal captures
Orthogonal/diagonal transformation
Model mates

h#2 (6+5)

Take & Make

2.1...

G009



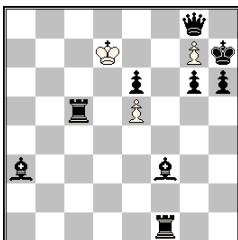
1. $\blacksquare h6 \blacksquare xe5-h8$ 2. $\blacksquare g5 \blacksquare xg2-f3\#$
1. $\blacksquare h6 \blacksquare xg2-h3$ 2. $\blacksquare g5 \blacksquare xe5-f4\#$

h#2 (3+9)

Take & Make

2.1...

G010



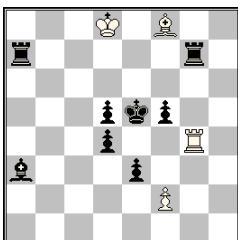
1. $\mathbb{Q}c7+$ ($\mathbb{Q}c\sim?$) $\mathbb{Q}xc7-d7$ 2. $\mathbb{Q}d6$ exd6-f8#
1. $\mathbb{Q}c6+$ ($\mathbb{Q}f\sim?$) $\mathbb{Q}xc6-d7$ 2. $\mathbb{Q}f6$ exf6-f8#

h#2 (3+9)

Take & Make

2.1...

G011



1. $\mathbb{Q}xf8-c5$ f4+ 2. $\mathbb{Q}d6$ $\mathbb{Q}xg7-g6\#$
1. $\mathbb{Q}xg4-g5$ f3 2. $\mathbb{Q}f4$ $\mathbb{Q}xa3-d6\#$

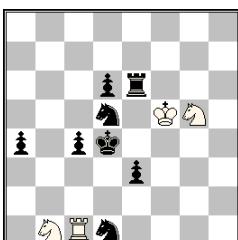
Theme by Black and White
Zilahi
Model mates

h#2 (4+8)

Take & Make

2.1...

G012



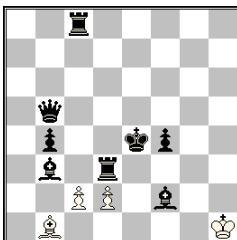
1. $\mathbb{Q}e4$ $\mathbb{Q}c3$ 2. $\mathbb{Q}1xc3-d3$ $\mathbb{Q}xe4-e6\#$
1. $\mathbb{Q}1c3$ $\mathbb{Q}e4$ 2. $\mathbb{Q}xe4-c5$ $\mathbb{Q}xc3-d1\#$

h#2 (4+8)

Take & Make

2.1...

G013



1. $\mathbb{Q}f3$ d4 2. $\mathbb{Q}e3$ $\mathbb{Q}xb3-c4\#$
1. $\mathbb{Q}e5$ $\mathbb{Q}g2$ 2. $\mathbb{Q}d5$ $\mathbb{Q}xd3-c3\#$

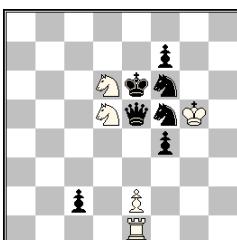
"Invisible albino"

h#2 (4+8)

Take & Make

2.1...

G014



1. $\mathbb{Q}xe2-e4$ $\mathbb{Q}xf6-h5$ 2. $\mathbb{Q}xd5-f6$ $\mathbb{Q}xe4-e8\#$
1. $\mathbb{Q}xe2-e3$ $\mathbb{Q}xf5-h4$ 2. $\mathbb{Q}xd6-f5$ $\mathbb{Q}xe3-e7\#$

All moves are thematic

Zilahi

Kniest

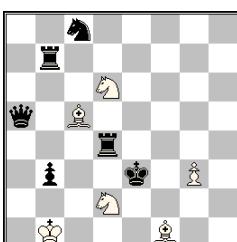
Chameleon echoed model mates

h#2 (5+7)

Take & Make

2.1...

G015



1. $\mathbb{Q}f7$ $\mathbb{Q}xd4-b4$ 2. $\mathbb{Q}f3$ $\mathbb{Q}xa5-c5\#$
1. $\mathbb{Q}a8$ $\mathbb{Q}xb7-b5$ 2. $\mathbb{Q}f3$ $\mathbb{Q}xd4-d6\#$
1. $\mathbb{Q}xd2-f3$ $\mathbb{Q}c4$ 2. $\mathbb{Q}g4$ $\mathbb{Q}xa5-d2\#$

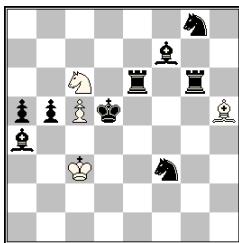
In the first 2 solutions, both with pseudo-Rundlauf, f3 must be blocked so that the $B\mathbb{Q}$ cannot capture on d2; in the 3rd solution Black deliberately plays this capture so that d2 can be occupied by the mating unit

h#2 (6+6)

Take & Make

3.1...

G016



h#2

(4+9)

Take & Make
See solution

a) Diagram

1. $\blacksquare x c 6 - e 5 \blacksquare x g 6 - a 6$ 2. $\blacksquare e 6 \blacksquare b 7 \#$
1. $\blacksquare d 6 c x d 6 - d 8 \blacksquare +$ 2. $\blacksquare e 6 \blacksquare x g 6 - g 4 \#$

b) $\blacksquare c 6 \rightarrow e 5$

1. $\blacksquare f 6 \blacksquare x f 3 - e 5$ 2. $\blacksquare d 7 \blacksquare f 3 \#$
1. $\blacksquare e 8 \blacksquare x g 6 - g 4$ 2. $\blacksquare e 6 \blacksquare x e 8 - a 8 \#$

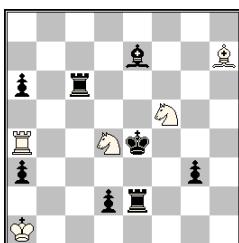
c) $\blacksquare h 5 \rightarrow d 1$

1. $\blacksquare e 5 \blacksquare x a 4 - c 2$ 2. $a 4 \blacksquare b 4 \#$

1. $\blacksquare x c 6 - e 5 \blacksquare d 3$ 2. $\blacksquare c 6 \blacksquare x a 4 - b 3 \#$

7 thematic moves in 3x2 solutions

G017



h#2

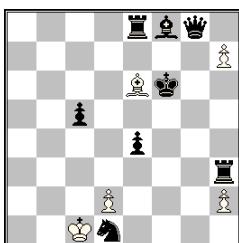
(5+8)

Take & Make
2.1...

1. $\blacksquare g 6 \blacksquare x g 6 - b 6$ 2. $\blacksquare x d 4 - f 3 \blacksquare x e 7 - h 4 \#$
1. $\blacksquare b 4 \blacksquare x b 4 - f 8$ 2. $\blacksquare x f 5 - e 3 \blacksquare x c 6 - c 2 \#$

Orthogonal-Diagonal theme

G018



h#2

(5+8)

Take & Make
See solution

a) Diagram

1. $\blacksquare x e 6 - a 2 \blacksquare x g 8 - h 8 \blacksquare +$ 2. $\blacksquare a 1 \blacksquare x h 3 - a 3 \#$

b) $\blacksquare e 6 \rightarrow f 5$

1. $\blacksquare e 7 \blacksquare x g 8 - h 8 \blacksquare +$ 2. $\blacksquare d 8 \blacksquare x f 8 - d 6 \#$

c) =b) $\blacksquare f 5 \leftrightarrow \blacksquare d 1$

1. $\blacksquare g 5 \blacksquare x g 8 - h 8 \blacksquare +$ 2. $\blacksquare h 4 \blacksquare f 6 \#$

d) =c) $\blacksquare c 5 \rightarrow g 5$

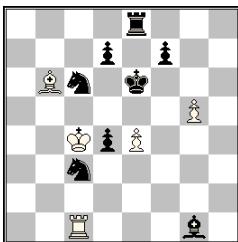
1. $\blacksquare e 5 \blacksquare x g 8 - h 8 \blacksquare +$ 2. $\blacksquare f 4 \blacksquare g 6 \#$

e)=d) $\blacksquare d 1 \rightarrow g 6$

1. $\blacksquare g 7 \blacksquare f 7$ 2. $\blacksquare h 6 \blacksquare x g 8 - h 8 \blacksquare +$

AUW in W1 in a-b-c-d, star of B \blacksquare in b-c-d-e

G019



1. $\mathbb{Q}e5 \mathbb{N}xd4-d3$ 2. $\mathbb{R}e6 \mathbb{Q}xg1-h2\#$

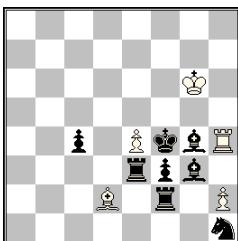
1. $\mathbb{Q}e7 \mathbb{N}xc3-d5$ 2. $\mathbb{R}f8 \mathbb{N}xc6-e5\#$

h#2 (5+8)

Take & Make

2.1...

G020



1. $\mathbb{R}xh4-h8 \mathbb{N}xe3-e1$ 2. $\mathbb{R}e5 \mathbb{N}xf2-d2\#$

1. $\mathbb{R}xd2-a5 \mathbb{N}xg4-h3$ 2. $\mathbb{R}e5 \mathbb{N}xg3-h4\#$

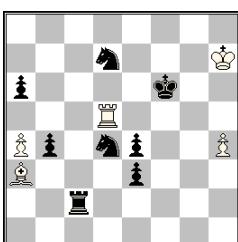
Zilahi
Switchback
Mutual self-blocks on e5
2x2 thematic moves

h#2 (5+8)

Take & Make

2.1...

G021



1. $\mathbb{R}b2 \mathbb{N}xd4-f5+$ 2. $\mathbb{Q}xf5-h5 \mathbb{R}xb2-e2\#$

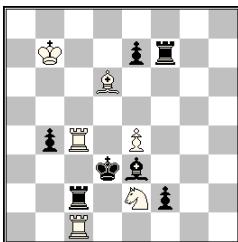
1. $\mathbb{R}c1 \mathbb{N}xd7-e5$ 2. $\mathbb{Q}xe5-a5 \mathbb{R}xc1-c7\#$

h#2 (5+8)

Take & Make

2.1...

G022



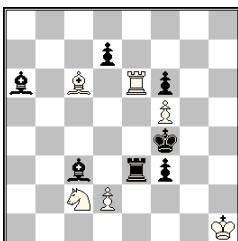
1.exd6-e5+ ♜xg2-c7 2.♕xe2-d4 ♜xf7-d7#

All moves are thematic

h#2 (6+7)

Take & Make

G023



a) 1.dxe6-d6 ♜xe3-e2+ 2.♕e5 dxcc3-d4#

b) 1.dxc6-d5 ♜xa6-f1+ 2.♕e4 dxcc3-d3#

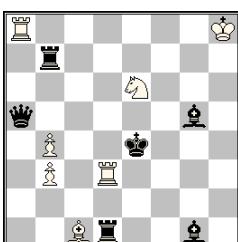
Pseudo-Pickaninny and pseudo-Albino with the black ♔ mated on adjacent e-file squares; two thematic captures in each phase

h#2 (6+7)

Take & Make

b) ♜f3 → e5

G024



1.♗xb4-b5 ♜xd1-d4+ 2.♔xd4-b4 ♜xg5-d2#

1.♗xa8-a7 ♜xg5-f4 2.♔xf4-b8 ♜xd1-d8#

2x3 thematic moves

Zilahi

Distant blocks

Reciprocal change of function W ♜d3/W ♜c1

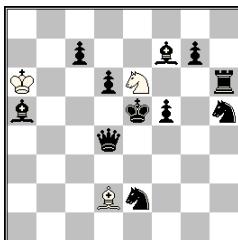
All moves are Take&Make

h#2 (7+6)

Take & Make

2.1...

G025



1. $\mathbb{Q}ef4 \mathbb{Q}xd4-c5$ 2. $\mathbb{Q}d5 \mathbb{Q}xa5-c3\#$
1. $\mathbb{Q}d5 \mathbb{Q}xh6-h8$ 2. $\mathbb{Q}hf4 \mathbb{Q}xg7-g5\#$
1. $\mathbb{Q}f6 \mathbb{Q}xc7-c5$ 2. $d5 \mathbb{Q}xa5-c7\#$

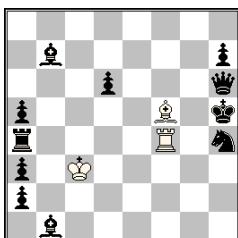
3 thematic captures by W \mathbb{Q}
 W \mathbb{Q} mating on 3 different squares
 3 different black self-blocks on d5

h#2 (3+11)

Take & Make

3.1...

G026



1. $\mathbb{Q}f8 (\mathbb{Q}\sim?) \mathbb{Q}xb1-g6+$ 2. $\mathbb{Q}xg6-b1 \mathbb{Q}xf8-f1\#$
1. $\mathbb{Q}c8 (\mathbb{Q}\sim?) \mathbb{Q}xa4-g4$ 2. $\mathbb{Q}xg4-a4 \mathbb{Q}xc8-d7\#$

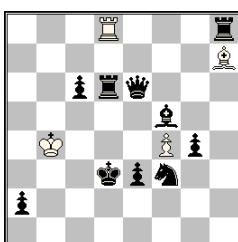
Zilahi
 Paradoxical move at B1
 Annihilation to evacuate the mate square for the B \mathbb{Q}
 Mate by thematic invisible capture
 Model mates

h#2 (3+11)

Take & Make

2.1...

G027



1. $\mathbb{Q}h6 \mathbb{Q}xf5-g6+ A (\mathbb{Q}d7?) 2. \mathbb{Q}d4 \mathbb{Q}xd6-d7\# B$
1. $\mathbb{Q}c8 \mathbb{Q}xd6-d7+ B (\mathbb{Q}g6?) 2. \mathbb{Q}e4 \mathbb{Q}xf5-g6\# A$

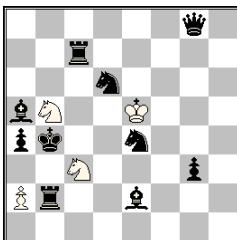
Double presentation of the theme with exchanged white play,
 interference of a black Queen's line after her critical move and full
 orthogonal-diagonal transformation of the play

h#2 (4+10)

Take & Make

2.1...

G028



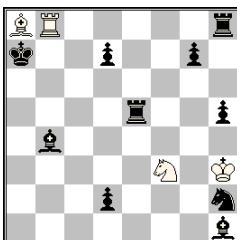
- a)
1. $\mathbb{Q}xb5-a3$ $\mathbb{Q}xd6-f5$ 2. $\mathbb{Q}b4$ $\mathbb{Q}xe2-b5\#$
b)
1. $\mathbb{Q}xc3-a4$ $\mathbb{Q}xe4-f6$ 2. $\mathbb{Q}b4$ $\mathbb{Q}xc7-c3\#$

Grimshaw

h#2 (4+10)

Take & Make
b) ♜ a4 → a3

G029

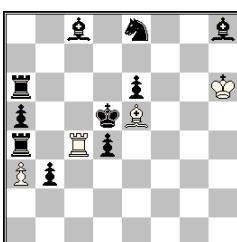


- a)
1. $\mathbb{Q}xb8-g8$ $\mathbb{Q}xe5-g5$ 2. $\mathbb{Q}f8$ $\mathbb{Q}xh1-d5\#$
b)
1. $\mathbb{Q}xa8-f3$ $\mathbb{Q}xb4-c3$ 2. $\mathbb{Q}e3$ $\mathbb{Q}xh8-f8\#$

h#2 (4+10)

Take & Make
b) ♜ f3 → a2

G030

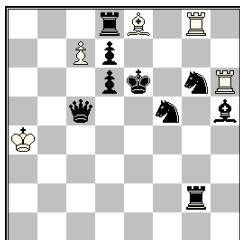


1. $\mathbb{Q}d6$ $\mathbb{Q}xa4-c4$ 2. $\mathbb{Q}xc4-a4$ $\mathbb{Q}xd6-c6\#$
1. $\mathbb{Q}c7$ $\mathbb{Q}xh8-e5$ 2. $\mathbb{Q}xe5-h8$ $\mathbb{Q}xc7-e8\#$

h#2 (4+10)

Take & Make
2.1...

G031



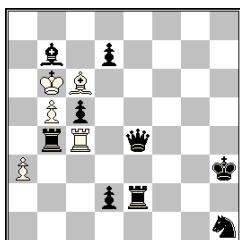
a)
 1. $\mathbb{Q}e5 \mathbb{Q}xg6-h4+$ 2. $\mathbb{N}gxg8-g6$ cxd8-g8 $\mathbb{Q}\#$
 (2...cxd8-g8 $\mathbb{Q}+?$ 3. $\mathbb{N}xg8-g6!$)

b)
 1. $\mathbb{Q}d5 \mathbb{Q}xg6-f4+$ 2. $\mathbb{N}xe8-g6$ cxd8-e8 $\mathbb{Q}\#$
 (2...cxd8-e8 $\mathbb{Q}+?$ 3. $\mathbb{N}xe8-g6!$)

h#2 (5+9)

Take & Make
 b) ♜f5 → f8

G032

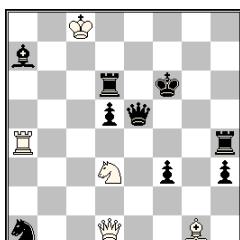


a)
 1. $\mathbb{Q}h4 \mathbb{N}xb7-g2+$ 2. $\mathbb{Q}xg2-a8 \mathbb{Q}xh4-d8\#$
 b)
 1. $\mathbb{Q}h1 \mathbb{N}xb4-g4$ 2. $\mathbb{Q}xg4-a4 \mathbb{Q}xh1-d1\#$

h#2 z (5+9)

Take & Make
 b) ♜h1 → h4

G033



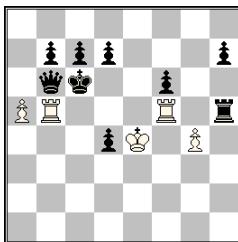
1. $\mathbb{N}xa4-d4 \mathbb{Q}xe5-e7$ 2. $\mathbb{Q}xe7-c6 \mathbb{Q}xd4-a4\#$
 1. $\mathbb{N}xg1-d4 \mathbb{Q}xe5-f5$ 2. $\mathbb{Q}xf5-g3 \mathbb{Q}xd4-g1\#$

Orthogonal-diagonal transformation

h#2 (5+9)

Take & Make
 2.1...

G034

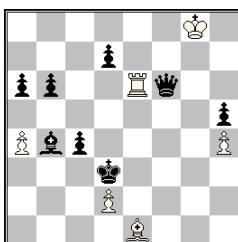


- a)
1. $\blacksquare x f5-h5$ $g x h5-c5$ 2. $\blacksquare x b5-b6$ $a x b6-b5\#$
b)
1. $\blacksquare x b5-b6$ $a x b6-c5$ 2. $\blacksquare x f5-h5$ $g x h5-d5\#$

h#2 (5+9)

Take & Make
b) ♔ e4 → a4

G035



1. $\blacksquare x d2-d3$ $\blacksquare x b4-d2$ ($\blacksquare d2?$) 2. $\blacksquare x d2-h6$ $\blacksquare x f6-d6\#$
1. $\blacksquare x d2-d4$ $\blacksquare x f6-e5$ ($\blacksquare e5?$) 2. $\blacksquare x e5-a5$ $\blacksquare x b4-c3\#$

Dual avoidance on W1 move

Zilahi & Model mates

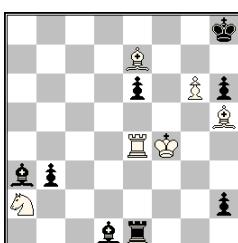
Exchange of functions between two pairs of pieces: W \blacksquare /W \blacksquare (active sacrifice vs. mating), B \blacksquare /B \blacksquare (self-pin & sacrifice for mating line clearance vs. sacrifice to unguard mating square)

All 4 moves in each solution are T&M specific

h#2 (6+8)

Take & Make
2.1...

G036

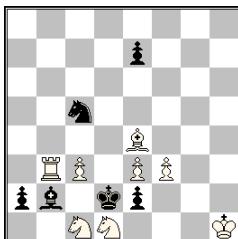


- a)
1. $\blacksquare x e7-b4$ $\blacksquare x b4-e7$ 2. $\blacksquare x e4-e2$ $\blacksquare x e2-e5\#$
b)
1. $\blacksquare x h5-e2$ $\blacksquare x e2-h5$ 2. $\blacksquare x e7-b4$ $\blacksquare x b4-f8\#$

h#2 (6+8)

Take & Make
b) ♗ a2 → c1

G037



- a)
 1. $\mathbb{Q}xe4-b7 \mathbb{Q}xb2-a3$ 2. $\mathbb{Q}xc1-d3 \mathbb{Q}xb7-d8\#$
 b)
 1. $\mathbb{Q}xb3-b7 \mathbb{Q}xa2-a1$ 2. $\mathbb{Q}xd1-c3 \mathbb{Q}xb7-a5\#$

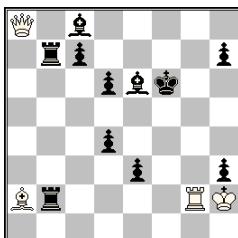
Zilahi. The black moves are thematic

h#2 (8+6)

Take & Make

b) $\mathbb{Q}c3 \rightarrow d3$

G038



1. $\mathbb{Q}e5 \mathbb{Q}xb2-b3$ 2. $\mathbb{Q}d5 \mathbb{Q}xb7-b5\#$
 1. $\mathbb{Q}f7 \mathbb{Q}xe6-g4$ 2. $\mathbb{Q}g8 \mathbb{Q}xc8-e6\#$

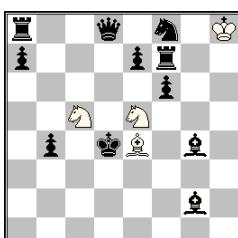
Triple-check mates

h#2 (4+11)

Take & Make

2.1...

G039



- a) Diagram
 1. $\mathbb{Q}b8 \mathbb{Q}xg4-e6+$ 2. $\mathbb{Q}xe4-a8 \mathbb{Q}xd8-c7\#$
 b) $\mathbb{Q}g4 \rightarrow a4$
 1. $\mathbb{Q}b3 \mathbb{Q}c4$ 2. $\mathbb{Q}xc5-a4 \mathbb{Q}xg2-c6\#$
 c) $\mathbb{Q}e7 \rightarrow e6$
 1. $\mathbb{Q}e7 \mathbb{Q}b7$ 2. $\mathbb{Q}xe5-f7 \mathbb{Q}xd8-d6\#$

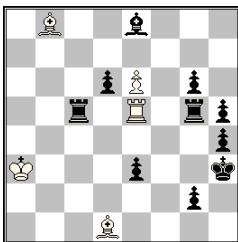
Cyclic Zilahi in B2 ($\mathbb{Q}xe4/\mathbb{Q}xc5/\mathbb{Q}xe5$)

h#2 (4+11)

Take & Make

See solution

G040



a)

1.d5 ♜xe3-e2 2.♕e5 ♜xe5-e3#

b)

1.♗xg3-g4 ♜xg4-a4 2.dxe5-d5 ♜xe8-d7#

Five thematic moves

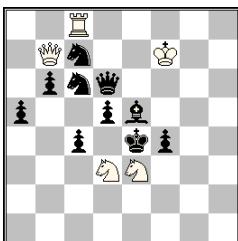
The twin solution shows the theme in all 4 half-moves

h#2 (5+10)

Take & Make

b) ♜e6 → g3

G041



1.d4 ♜xc7-a8 2.♗xe3-d5 ♜xc6-d8#

1.♗d4 ♜xc6-b8 2.♗xd3-e5 ♜xc7-e8#

Chameleon echo pin-mates

Self-blocks on d4 with FLM effects

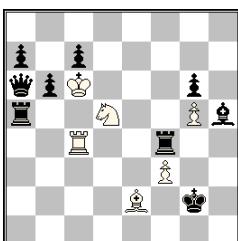
3 pairs of thematic moves

h#2 (5+10)

Take & Make

2.1...

G042



1.♗xc4-f4 ♜xa6-f1+ 2.♗xf1-a6 ♜xf4-b4#

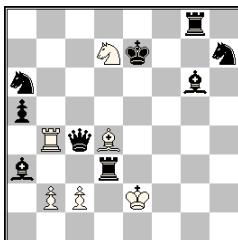
1.♗xf3-f4 ♜xh5-f3+ 2.♗xf3-h5 ♜xf4-f6#

h#2 (6+9)

Take & Make

2.1...

G043



- a)
1. ♜xb4-b3 cxb3-f7 2. ♜xd7-f8 bxa3-e7#
 b)
1. ♜xd4-c3 bxc3-c7 2. ♜xe7-c8 cxd3-d7#

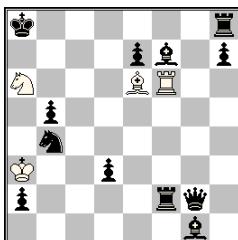
Double presentation of the theme
 Invisible capture in B1 is anticipatory line-opening for W2

h#2 (6+9)

Take & Make

b) ♜d7 ↔ ♜e7

G044



- 1. ♜xf6-f3 ♜xb4-a6 2. ♜a7 ♜xf7-d5#**
 (1. ♜f3? ♜xb4-a6 2. ♜a7 ♜xf7-d5 is not mate because of ♜xf6-c6!)
- 1. ♜xa6-b4 ♜xb4-a6 2. ♜xe6-g8 ♜xf2-f8#**
 (1. ♜xa6-b4 ♜xb4-a6 2. ♜g8? ♜xf2-f8 is not mate because of ♜xe6-c8!)

"Invisible" reciprocal bishop captures
 "Invisible" reciprocal rook captures
 "Invisible" reciprocal knight captures
 Model mates

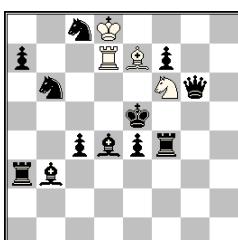
Dual avoidance in both variations
 Zilahi

h#2 (4+12)

Take & Make

2.1...

G045



- a) Diagram
1. ♜xe7-d6 (d6?) ♜xe4-e3 2.f6 ♜e7#
 b) ♜b3 → g8
1. ♜xd7-d5 (d5?) ♜xa3-h3 2. ♜d6 ♜d7#
 c) ♜e4 → e6
1. ♜xf6-e4 (e4?) ♜f8 2.f5 ♜g7#

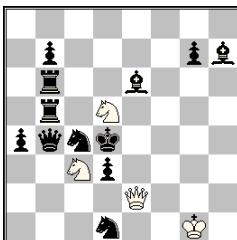
Each thematic black move captures a white piece controlling a square adjacent to the B $\ddot{\text{a}}$ and self-blocks this square (Bukovina theme)
 Cyclic change of functions of the ♜e7/♜d7/♜f6
 (capture/mating/guard of square) with cyclic Zilahi; three pairs of black self-blocks

h#2 (4+12)

Take & Make

See solution

G046



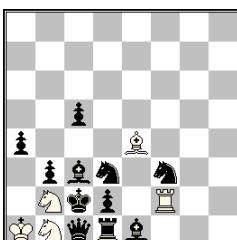
1. $\mathbb{Q}d2 \mathbb{W}xe6-g4+$ 2. $\mathbb{Q}xd5-e3 \mathbb{Q}xb5-d5\#$
 1. $\mathbb{Q}e5 \mathbb{W}xd1-f2+$ 2. $\mathbb{Q}xc3-e4 \mathbb{Q}xb4-c3\#$

2x3 thematic moves
 Zilahi
 D-O transformation of strategy

h#2 (4+12)

Take & Make
 2.1...

G047



- a)
 1.a3 $\mathbb{Q}xf3-d4$ 2. $\mathbb{Q}xb2-d3+$ $\mathbb{Q}xd3-b2\#$
 b)
 1.c4 $\mathbb{Q}xf3-g5$ 2. $\mathbb{Q}xb1-d2+$ $\mathbb{Q}xd2-b1\#$

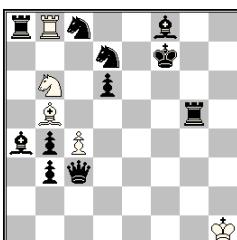
Distant self-blocks by the black pawns
 White batteries (with the roles of rook and bishop reciprocally changed) are forming and acting through the mediation of black knights
 Square-clearance (annihilation) by the black thematic moves and cross-checks

h#2 (5+11)

Take & Make

b) $\mathbb{Q}d2 \leftrightarrow \mathbb{Q}d3$

G048



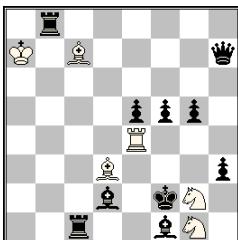
- a)
 1. $\mathbb{Q}dx b6-d5$ $\mathbb{Q}xa4-e8+$ 2. $\mathbb{Q}xe8-a4$ $\mathbb{Q}xa8-a6\#$
 b)
 1. $\mathbb{Q}cxb6-c4$ $\mathbb{Q}xa8-e8$ 2. $\mathbb{Q}xe8-a8$ $\mathbb{Q}xa4-c6\#$

h#2 (5+11)

Take & Make

b) $\mathbb{Q}c4 \rightarrow a7$

G049



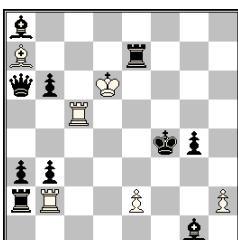
1.fxe4-f4 ♖xh7-c2 2.♕xg2-e3 ♖xb8-b6#
1.♕xg1-f3 ♜xe5-e4 2.♕xe4-g4 ♖xf1-e2#

2x4 invisible captures

h#2 (6+10)

Take & Make
2.1...

G050



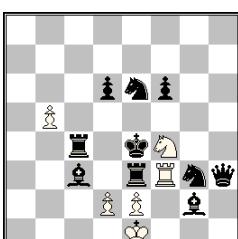
1.bxc5-g5+ ♖xg1-b6 2.♖xe2-e4 ♖xa2-f2#
1.♔e3 ♕xe7-e5 2.b5 ♜c3#

Self-blocks, batteries

h#2 (6+10)

Take & Make
2.1...

G051



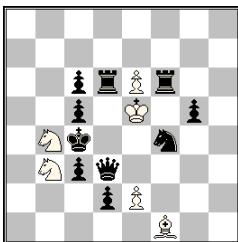
1.♗d4 dxe3-d3+ 2.♗xf3-e3 ♗xg2-d5#
1.♗xf4-d5 dxc3-d4 2.♗e4 ♖xh3-f5#

2x3 thematic moves
„Invisible Albino“
Zilahi

h#2 (6+10)

Take & Make
2.1...

G052



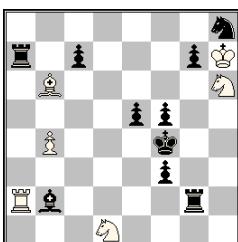
1. $\mathbb{Q}f5+$ $\mathbb{Q}xf5-f6$ 2. $\mathbb{Q}xb4-d5$ $exd3-e4\#$
1. $\mathbb{Q}f3$ $\mathbb{Q}xf6-f5$ 2. $\mathbb{Q}xb3-d4$ $exf3-e3\#$

3 thematic moves in both solutions
Take&Make-Albino on the mating moves

h#2 (6+10)

Take & Make
2.1...

G053

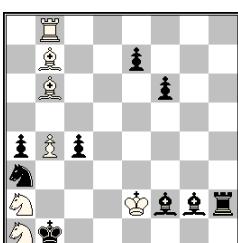


1. $\mathbb{Q}f2$ $\mathbb{Q}xh8-g6$ 2. $e4$ $\mathbb{Q}xf2-h2\#$
1. $\mathbb{Q}g3$ $\mathbb{Q}xb2-c3$ 2. $\mathbb{Q}xa2-f2$ $\mathbb{Q}xf2-d2\#$

h#2 (6+10)

Take & Make
2.1...

G054



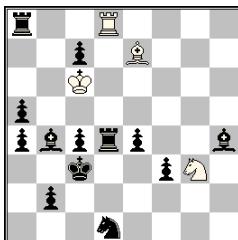
- a)
1. $\mathbb{Q}xb6-c5$ $bcx5-f2$ 2. $\mathbb{Q}xa1-c2$ $\mathbb{Q}xg2-e4\#$
b)
1. $\mathbb{Q}xb7-c6$ $bcx6-g2$ 2. $\mathbb{Q}xa2-c1$ $\mathbb{Q}xf2-e3\#$

2x3 thematic moves; all moves are Take&Make

h#2 (7+9)

Take & Make
b) $\mathbb{Q}b4 \rightarrow b5$

G055



1. $\mathbb{Q}bxe7-a3$ ($\mathbb{Q}a3?$) $\mathbb{Q}e2+$ 2. $\mathbb{Q}b4 \mathbb{Q}xa8-b8\#$ (2... $\mathbb{Q}b8+?$ 3. $\mathbb{Q}xb8!$)
1. $\mathbb{Q}dxd8-d3$ ($\mathbb{Q}d3?$) $\mathbb{Q}f1$ 2. $\mathbb{Q}d4 \mathbb{Q}xh4-f6\#$ (2... $\mathbb{Q}f6+?$ 3. $\mathbb{Q}xf6!$)

White and black thematic moves in each phase

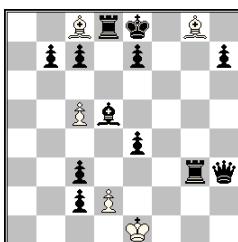
Zilahi

Black square vacation and self-blocks

h#2 (4+13)

Take & Make
2.1...

G056

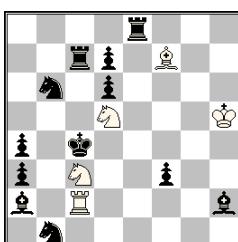


1. $\mathbb{Q}e3+$ $dxe3-d3$ 2. $\mathbb{Q}xg8-c4$ $dxc4-g8\#$
1. $\mathbb{Q}d6$ $cxd6-c6$ 2. $\mathbb{Q}xc8-d7$ $cx d7-c8\#$

h#2 (5+12)

Take & Make
2.1...

G057



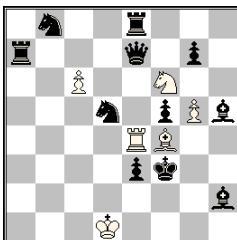
1. $\mathbb{Q}xc3-b5$ $\mathbb{Q}xe8-e1$ 2. $\mathbb{Q}c3$ $\mathbb{Q}xc3-c7\#$
1. $\mathbb{Q}xd5-b4$ $\mathbb{Q}xh2-e5$ 2. $\mathbb{Q}d5$ $\mathbb{Q}xd5-a2\#$

After the first move white has mate in one in orthodox chess, but black needs to make a Take&Make sacrifice to allow it

h#2 (5+12)

Take & Make
2.1...

G058



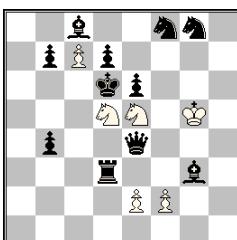
1. $\mathbb{Q}f7 \mathbb{Q}xh2-c7$ 2. $\mathbb{Q}xe4-e6 \mathbb{Q}xd5-f4\#$
1. $\mathbb{Q}c5 \mathbb{Q}xe8-e4$ 2. $\mathbb{Q}xf4-d6+ \mathbb{Q}xh5-e8\#$

Black distant blocking and black king's captures of the „invisible capture“ from the second phase

h#2 (6+11)

Take & Make
2.1...

G059



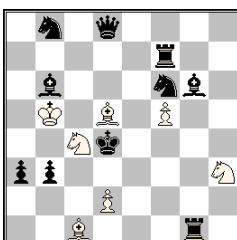
a)
1. $\mathbb{Q}xe5-f3 exf3-f7$ 2. $\mathbb{Q}xd5-e7 fxg3-d6\#$
b)
1. $\mathbb{Q}xd5-e3+ fxe3-c5+$ 2. $\mathbb{Q}xe5-c6 exd3-d5\#$

"Invisible capturing" in the first black move opens the line for the mating move. Only white pawns in the final positions

h#2 (6+11)

Take & Make
b) $\mathbb{Q}e6 \rightarrow b5$

G060



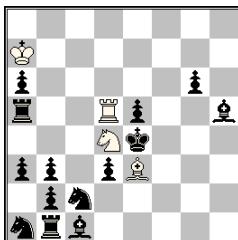
a)
1. $\mathbb{Q}xd5-e4 \mathbb{Q}xb6-c5$ 2. $\mathbb{Q}xd2-d3 \mathbb{Q}xg1-g5\#$
b)
1. $\mathbb{Q}xc4-e5 \mathbb{Q}xf7-b7$ 2. $\mathbb{Q}xd2-d4 \mathbb{Q}xg6-f7\#$

8-fold rendering of the theme where each move is thematic
Line-openings for and by the black queen who "makes" two different pawn moves

h#2 (7+10)

Take & Make
b) $\mathbb{Q}h3 \rightarrow h8$

G061



a) Diagram
1. $\mathbb{Q}d1 \mathbb{Q}xc2-d4$ 2. $\mathbb{Q}xd4-c2 \mathbb{Q}xa5-c5\#$

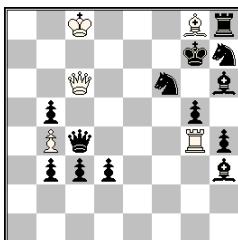
b) $\mathbb{B}b2 \rightarrow a4$
1. $\mathbb{Q}e1 \mathbb{Q}xa5-d5$ 2. $\mathbb{Q}xd5-a5 \mathbb{Q}xc1-d2\#$

c) $\mathbb{B}d3 \rightarrow f4$
1. $\mathbb{Q}f3 \mathbb{Q}xc1-e3$ 2. $\mathbb{Q}xe3-c1 \mathbb{Q}xf3-e2\#$

h#2 (4+14)

Take & Make
See Solution

G062



a)
1. $\mathbb{Q}d4 \mathbb{Q}xf6-e8$ 2. $\mathbb{Q}xg8-c4 \mathbb{Q}xh8-g8\#$

b)
1. $\mathbb{Q}d5 \mathbb{Q}xf6-d7+$ 2. $\mathbb{Q}xg4-c4 \mathbb{Q}xh3-g4\#$

Exchange of roles between three pairs of pieces:

W \mathbb{Q} & W \mathbb{Q} : sacrifice to b \mathbb{Q} vs. pinning b \mathbb{Q}

B \mathbb{Q} h8 & B \mathbb{Q} h3: sacrifice to unguard mating square vs. static pin of white

Unpinning, square vacation & anticipatory self-pin by B \mathbb{Q}

Check preventing shut-off by W \mathbb{Q}

Line clearance by B \mathbb{Q} for W \mathbb{Q}

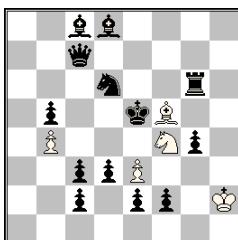
Pin mates

Three out of four moves are Take&Make moves

h#2 (5+13)

Take & Make
b) $\mathbb{Q}g7 \rightarrow f5$

G063



1. $\mathbb{Q}xf4-d5 \mathbb{Q}xc8-f5$ 2. $\mathbb{Q}c4 \mathbb{Q}xg6-e6\#$

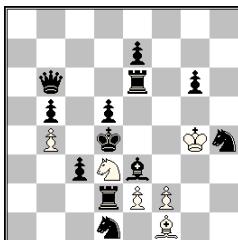
1. $\mathbb{Q}xf5-e4 \mathbb{Q}xg6-e6$ 2. $\mathbb{Q}f3 \mathbb{Q}xd8-g5\#$

Three thematic moves in every phase

h#2 (5+13)

Take & Make
2.1...

G064



- a)
 1. $\mathbb{B}b2 \text{fxe3-f4}$ 2. $\mathbb{B}xe2-e4 \mathbb{Q}xb2-c2\#$
 b)
 1. $\mathbb{B}c5 \text{fxe3-f3}$ 2. $\mathbb{B}xe2-e3 \mathbb{Q}xc5-c6\#$

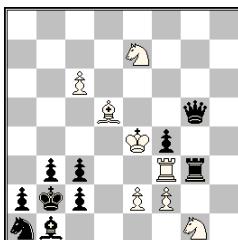
Theme by Black and White
Model mates

h#2 (6+12)

Take & Make

b) $\mathbb{B}d2 \leftrightarrow \mathbb{B}e3$

G065



1. $\mathbb{B}xe7-g8 \mathbb{Q}xg8-f8$ 2. $\mathbb{B}xf3-h3 \mathbb{Q}xh3-d3\#$
 1. $\mathbb{B}xg1-h3 \mathbb{Q}xh3-h1$ 2. $\mathbb{B}xd5-g8 \mathbb{Q}xg8-c4\#$

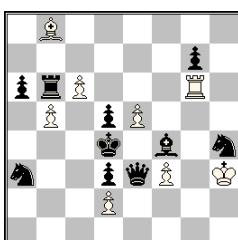
Extended Zilahi with reciprocal captures and unified double line openings (pairwise reciprocal)

h#2 (8+10)

Take & Make

2.1...

G066



- a)
 1. $\mathbb{Q}xe5-e6+$ $\mathbb{B}xe6-g4+$ 2. $\mathbb{B}xf3-f4 \mathbb{Q}xf4-d6\#$
 (2. $\mathbb{B}f4?$ $\mathbb{Q}xf4-d6$ 3. $\mathbb{Q}xf3-f4$)
 b)
 1. $\mathbb{B}xc6-c7 \mathbb{Q}xc7-a7+$ 2. $\mathbb{B}xb5-b6 \mathbb{Q}xb6-c6\#$
 (2. $\mathbb{B}b6?$ $\mathbb{Q}xb6-c6$ 3. $\mathbb{Q}xb5-b6$)

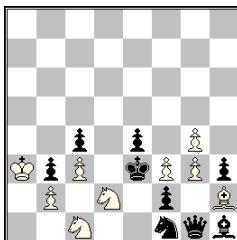
Thematic captures on W1, B2 and W2 moves

h#2 (8+10)

Take & Make

b) $\mathbb{B}e3 \rightarrow a5$

G067



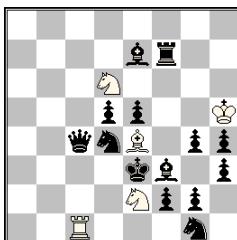
- a)
1. $\mathbb{W}xh2-g1 \mathbb{Q}xf1-d2$ 2. $\mathbb{W}h2 \mathbb{Q}f1\#$
b)
1. $\mathbb{Q}xd2-f1 \mathbb{W}xg1-h2$ 2. $\mathbb{Q}d2 \mathbb{W}g1\#$

2x2 thematic move; reciprocal captures followed by switchbacks

h#2 (9+9)

Take & Make
b) - $\mathbb{Q}f2$

G068



1. $\mathbb{W}f4 \mathbb{Q}xf3-e4$ 2. $\mathbb{Q}xe4-f3 \mathbb{W}xc4-c3\#$
1. $\mathbb{W}d3 \mathbb{Q}xd4-e2$ 2. $\mathbb{Q}xe2-d4 \mathbb{Q}xf7-f5\#$

Active self-blocks (d3&f4) and distant passive self-blocks (on f3&d4) on seemingly guarded squares

"White self-blocks" of Take&Make type (on e4&e2)

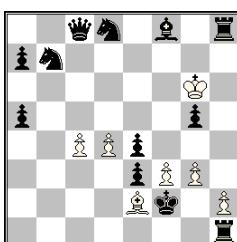
3 pairs of thematic moves

4 pairs of pieces interchange functions ($\mathbb{W}c4$ & $\mathbb{W}f7$, $\mathbb{Q}e2$ & $\mathbb{Q}e4$, $\mathbb{Q}d4$ & $\mathbb{Q}f3$, $\mathbb{Q}d6$ & $\mathbb{Q}c1$)

h#2 (5+14)

Take & Make
2.1...

G069

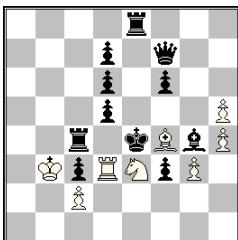


1. $\mathbb{W}xc4-c5 dx5-c8 \mathbb{W}$ 2. $\mathbb{W}xe2-a6 \mathbb{W}xd8-c6\#$
1. $\mathbb{W}8xh2-h4 gxh4-h8 \mathbb{W}$ 2. $\mathbb{W}xf3-f4 \mathbb{W}xh1-h2\#$

h#2 (7+12)

Take & Make
2.1...

G070



1. ♖xd3-d4 ♕xc4-b4 2. ♖e4 ♔xg4-f5#
1. ♖xe3-f5 ♖e3 2. ♖xh5-h6 ♖xh6-h7#
1. ♖xf4-e5 ♖xd5-d4 2. ♖e6 ♖xc4-e4#

7-fold rendering of the theme with cyclic Zilahi

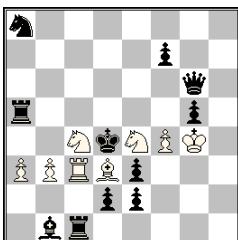
In the third solution: cross-like moves by the white rook with anticipated self-pin and unpin by the black king

h#2 (8+11)

Take & Make

3.1...

G071



1. ♖xd3-c2 ♔xa5-b5+ 2. ♖xc3-d3 ♔c5#
1. ♖xc3-c2 ♔xa5-c5 2. ♖xe4-c3 ♔xg6-f6#
1. ♖xe4-d6 ♔xd6-b4 2. ♖xd3-e4 ♖xc1-c4#

Extended cyclic Zilahi

Triple play of W ♔c4

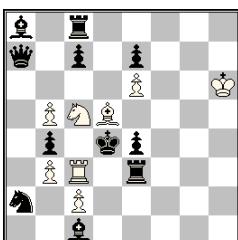
Specific Take&Make cyclic movement of the black king

h#2 (8+11)

Take & Make

3.1...

G072



1. ♖xc3-d3+ ♔xe4-e3+ 2. ♖c3 ♖xd3-d1#
1. ♖xc5-b7 ♖d3+ 2. ♖c5 ♖xb7-a7#
1. ♖xd5-c6 ♖d3 2. ♖d5 ♖xc6-d7#

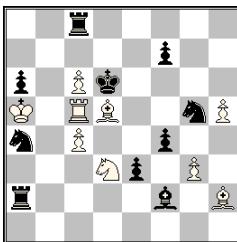
Cyclic Zilahi

h#2 (8+11)

Take & Make

3.1...

G073

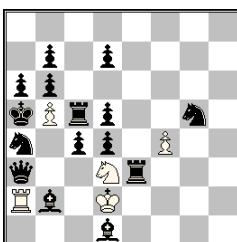


1. $\blacksquare x c 6 - c 7 \blacksquare x a 4 - b 6$ 2. $\blacksquare x d 5 - a 8 \blacksquare x c 7 - c 8 \#$
1. $\blacksquare x d 5 - h 1 \blacksquare x f 2 - e 1$ 2. $\blacksquare x h 2 - g 1 \blacksquare x g 5 - h 3 \#$

h#2 (9+10)

Take & Make
2.1...

G074



a) Diagram

1. $\blacksquare x d 3 - e 5 f x e 5 - h 8 \blacksquare$ 2. d3 $\blacksquare x b 2 - c 3 \#$ (2... $\blacksquare c 3 + ? \blacksquare x c 3 - \sim !$,
1.... $f x e 5 - h 8 \blacksquare$? 2. d3 $\blacksquare x b 2 - c 3 +$ 3. $\blacksquare x c 3 - a 3 !$)

b) $\blacksquare f 4 \leftrightarrow \blacksquare b 6$

1. $\blacksquare c 6 b x c 6 - c 8 \blacksquare$ 2. $\blacksquare f 8 \blacksquare x f 8 - c 5 \#$ (2. $\blacksquare f 8 \blacksquare c 5 + ? \blacksquare x c 5 - \sim !$,
1... $b x c 6 - c 8 \blacksquare$? 2. $\blacksquare f 8 \blacksquare x f 8 - c 5 +$ 3. $\blacksquare x c 5 - a 3 !$)

c) $\blacksquare a 2 \rightarrow h 3$

1. $\blacksquare x d 3 - e 5 f x e 5 - e 2$ 2. $\blacksquare x h 3 - d 3 e x d 3 - b 4 \#$

(1. $\blacksquare e 5 ? f x e 5 - e 2$ 2. $\blacksquare x h 3 - d 3 ?$ - illegal!)

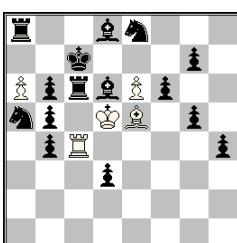
h#2 (5+15)

Take & Make
See solution

d) $\blacksquare a 2 \leftrightarrow \blacksquare b 6$

1. d6 $\blacksquare c 6$ 2. $\blacksquare b x c 6 - b 6 \blacksquare x c 5 - c 6 \#$ (2. b6? $\blacksquare x c 5 - c 6 ?$ - illegal!)

G075



1. $\blacksquare c 8 \blacksquare x d 6 - h 2 +$ 2. $\blacksquare d 6 \blacksquare x d 6 - e 4 \#$ (2... $\blacksquare x d 6 - f 5 ?$ 3. $\blacksquare x c 4 - f 4 !$)

1. $\blacksquare b 8 \blacksquare x c 6 - c 1 +$ 2. $\blacksquare c 6 \blacksquare x c 6 - d 4 \#$ (2... $\blacksquare x c 6 - a 7 ?$ 3. $\blacksquare x e 5 - c 3 !$)

Dual avoidance pin-mates by move of W \hat{Q}

W \hat{Q} mating moves shut off prospective black line (available due to T&M effect) - not possible in orthodox chess

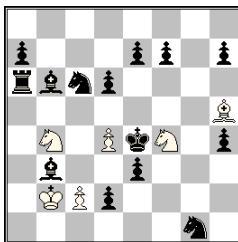
Exchange of functions between two pairs of pieces: W \hat{Q} & W \hat{R} , B \hat{Q} c6 & B \hat{Q} d6

Active sacrifice by black knights

h#2 (5+15)

Take & Make
2.1...

G076



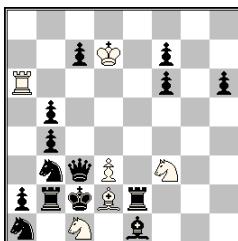
- a)
 1. ♕xb4-c6 ♖xf7-f5+ 2. ♕xf4-d5 cxb3-c4#
 b)
 1. ♖xc2-c4 ♖xa6-a4 2. ♕xf4-d3 ♖xb6-c5#

Three theme moves in every solution
 All moves are Take & Make moves

h#2 (6+14)

Take & Make
 b) ♜d6 → d5

G077



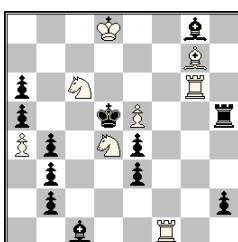
1. ♕e5 ♖xb3-c1 2. ♕xc1-b3 ♖xe5-d4#
 1. ♖a5 ♖xc3-d2 2. ♕xd2-c3 ♖xa5-c6#
 1. ♖~? ♖xc3-d2 2. ♕xc1-b3 ♖d4#
 1. ♖~? ♖xc3-d2 2. ♕xd2-c3 ♖c6#
 1. ♕~? ♖xb3-c1 2. ♕xd2-c3 ♖c6#
 1. ♕~? ♖xb3-c1 2. ♕xc1-b3 ♖d4#

Thematic Black corrections determine anti-dual effects
 Three pairs of thematic moves

h#2 (6+14)

Take & Make
 2.1...

G078



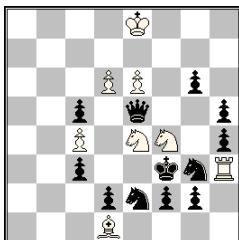
- a)
 1. ♖xe5-e6 ♖xe6-f6+ 2. ♕xc6-e5 ♖xg8-d5# (2... ♖d5? 3. ♖xd5-f6!)
 b)
 1. ♖xe6-e7+ ♖xe7-f6+ 2. ♕xd4-e6 ♖xh5-d5# (2... ♖d5? 3. ♖xd5-f6!)

Creation and play of white batteries
 Interchange of functions of three pairs of pieces
 Diagonal-orthogonal echo play

h#2 (8+12)

Take & Make
 b) ♜e5 → e6

G079



1. $\mathbb{Q}xd6-d7+\mathbb{Q}xd7-d3$ 2. $\mathbb{Q}xe4-g3 \mathbb{Q}xe2-f4\#$
 (3. $\mathbb{Q}xf4-e6??$, 3. $\mathbb{Q}xf4-d3??$)
 1. $\mathbb{Q}xe6-e7+\mathbb{Q}xe7-g5$ 2. $\mathbb{Q}xf4-e2 \mathbb{Q}xg3-e4\#$
 (3. $\mathbb{Q}xe4-d6??$, 3. $\mathbb{Q}xe4-g5??$)

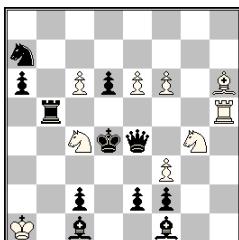
Interchange of functions of four pairs of pieces ($W\mathbb{Q}e4/W\mathbb{Q}f4$, $W\mathbb{Q}d1/W\mathbb{Q}h3$, $W\mathbb{Q}d6/W\mathbb{Q}e6$, $B\mathbb{Q}e2/B\mathbb{Q}g3$)
 Reciprocal thematic captures of pieces with switchbacks

h#2 (8+12)

Take & Make

2.1...

G080



1. $\mathbb{Q}e4xg4-e3!$ (-h2?) $\mathbb{Q}h6xe3-g5$ 2. $\mathbb{Q}d4xc4-e5 \mathbb{Q}g5xc1-e3\#$
 (2... $\mathbb{Q}g5-e3?$ 3. $\mathbb{Q}c1xe3-g5!$)
 1. $\mathbb{Q}e4xg4-e5!$ (-h2?) $\mathbb{Q}h5xe5-g5$ 2. $\mathbb{Q}d4xc4-e3 \mathbb{Q}g5xb5-d5\#$
 (2... $\mathbb{Q}g5-d5?$ 3. $\mathbb{Q}b5xd5-g5!$)

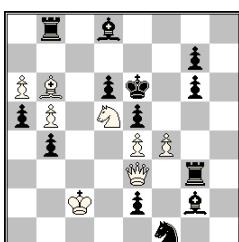
Task: only thematic moves
 Orthogonal-diagonal transformation
 Antizielelement

h#2 (9+11)

Take & Make

2.1...

G081



1. $\mathbb{Q}xe3-f3 \mathbb{Q}xd8-c7$ 2. $\mathbb{Q}xd5-e3 \mathbb{Q}xb8-b6\#$
 1. $\mathbb{Q}xb6-c7 \mathbb{Q}xg3-f3$ 2. $\mathbb{Q}xd5-b6 \mathbb{Q}xf1-e3\#$

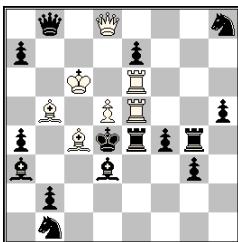
Reciprocal captures of black and white pieces
 Play on same squares (f3&c7)
 Zilahi
 Orthogonal-diagonal correspondence of solutions
 Take&Make specific switchbacks by white

h#2 (8+13)

Take & Make

2.1...

G082

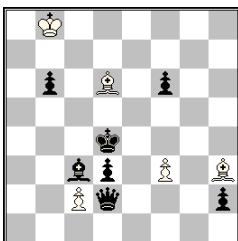


1. $\blacksquare e5-e1 \blacksquare xb8-g8$ 2. $\blacksquare xc4-e2 \blacksquare xg4-g7\#$
 1. $\blacksquare xc4-f1 \blacksquare xb8-d6$ 2. $\blacksquare xe5-e2 \blacksquare xa3-b4\#$

h#2 (7+15)

Take & Make
2.1...

G083



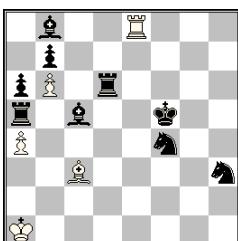
- a)
 1... $\blacksquare e6$ 2. $\blacksquare b4 \blacksquare xb4-d6$ 3. $\blacksquare e3 c3\#$
 b)
 1... $\blacksquare g3$ 2. $\blacksquare g2 \blacksquare xg2-f1$ 3. $\blacksquare d4 cxd3-d2\#$

Theme by White
Specific model mates by ♘

h#2.5 (5+7)

Take & Make
b) $\blacksquare d4 \rightarrow e3$

G084



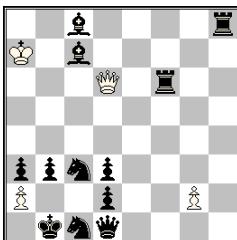
- a)
 1... $\blacksquare e5$ 2. $\blacksquare d8 \blacksquare xb8-e5$ 3. $\blacksquare xe5-b8 \blacksquare xd8-e8\#$
 b)
 1... $\blacksquare e5$ 2. $\blacksquare b4 \blacksquare xa5-e5$ 3. $\blacksquare xe5-a5 \blacksquare xb4-c3\#$

Zilahi
Orthogonal-diagonal transformation
Two switchbacks of white pieces in each solution

h#2.5 (5+9)

Take & Make
b) $\blacksquare f5 \leftrightarrow \blacksquare f4$

G085



a)

1... $\mathbb{Q}xc7-e5$ 2. $\mathbb{Q}h3$ $gxh3-c8\mathbb{Q}$ 3. $\mathbb{Q}a1$ $\mathbb{Q}xc3-b1\#$

b)

1... $\mathbb{Q}xf6-c6$ 2. $\mathbb{Q}h3$ $gxh3-h8\mathbb{Q}$ 3. $\mathbb{Q}c2$ $\mathbb{Q}xc3-b1\#$

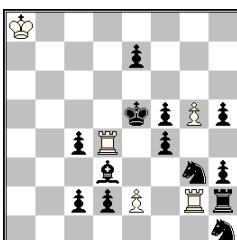
Foresight theme: the motivation of the capture in the first move is understood only in the last move. Sacrifices, minor promotions

h#2.5 (4+12)

Take & Make

b) $\mathbb{N}c1 \rightarrow b2$

G086



1... $\mathbb{Q}xh2-g2$ 2. $\mathbb{Q}xe2-\mathbb{Q}e4+$ $\mathbb{Q}xe4-d3$ 3. $c3$ $\mathbb{Q}gxg3-e2\#$

1... $\mathbb{Q}exd3-e2$ 2. $\mathbb{Q}xe2-e4$ $\mathbb{Q}xh2-e2$ 3. $d1\mathbb{Q}$ $\mathbb{Q}dxe4-d2\#$

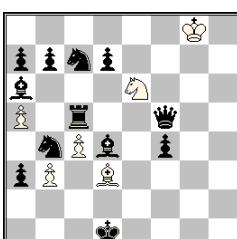
4 thematic captures in each solution, the first being of the A=B type

h#2.5 (5+13)

Take & Make

2.1...

G087



a)

1... $\mathbb{Q}xc7-e6$ 2. $\mathbb{Q}xc4-c5$ $\mathbb{Q}xa6-e2+$ 3. $\mathbb{Q}xe2-a6$ $\mathbb{Q}xc5-c7\#$

b)

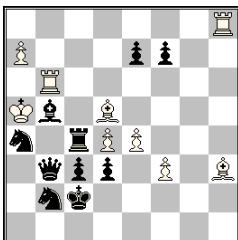
1... $\mathbb{Q}xc5-e6$ 2. $\mathbb{Q}xb3-b4$ $\mathbb{Q}xf5-c2+$ 3. $\mathbb{Q}xc2-a4$ $\mathbb{Q}xd4-c5\#$

h#2.5 (6+12)

Take & Make

b) $\mathbb{Q}c5 \leftrightarrow \mathbb{Q}b4$

G088



1... $\blacksquare x b 5 - c 6$ 2. $\blacksquare b 8$ $\blacksquare x b 8 - b 3$ 3. $\blacksquare x b 3 - b 7$) $\blacksquare x c 4 - c 7 \#$
 (3... $\blacksquare x c 4 - b 4 \#$? 4. $\blacksquare c 7 \!$, 3... $\blacksquare c 7 \#$? 4. $\blacksquare x c 7 - c 6 \!$)
 1... $\blacksquare x c 4 - c 6$ 2. $\blacksquare e 6$ $\blacksquare x e 6 - b 3 +$ 3. $\blacksquare x b 3 - e 6$ $\blacksquare x b 5 - d 7 \#$
 (3... $\blacksquare x b 5 - c 4 \#$? 4. $\blacksquare d 7 \!$, 3... $\blacksquare d 7 \#$? 4. $\blacksquare x d 7 - c 6 \!$)

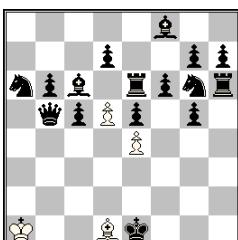
Grimshaw, black sacrifice, white sacrifice. The theme appears twice in the white moves and once in the refutation of the try in the mating move

h#2.5 (9+10)

Take & Make

2.1...

G089



- a)
 1... $d x e 6 - e 8 \blacksquare$ 2. $\blacksquare x d 1 - h 5$ $\blacksquare x g 6 - e 7$ 3. $\blacksquare g 6$ $\blacksquare e 8 \#$
 b)
 1... $d x c 6 - a 8 \blacksquare$ 2. $\blacksquare x e 1 - a 5$ $\blacksquare x a 6 - b 8$ 3. $\blacksquare a 6$ $\blacksquare a 8 \#$

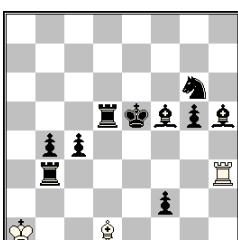
The thematic requirement is based on Kniest theme. Rundlauf of the promoted Queen in both phases

h#2.5 (4+16)

Take & Make

b) $\blacksquare d 1 \leftrightarrow \blacksquare e 1$

G090



1. $\blacksquare d 4$ $\blacksquare x b 3 - f 3$ 2. $\blacksquare c 3$ $\blacksquare x h 5 - f 3$ 3. $\blacksquare b 3$ $\blacksquare x d 5 - d 1 \#$
 1. $\blacksquare f 4$ $\blacksquare x h 5 - f 3 +$ 2. $\blacksquare g 4$ $\blacksquare x b 3 - f 3$ 3. $\blacksquare h 5$ $\blacksquare x f 5 - h 3 \#$

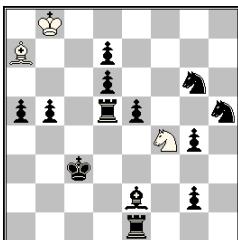
B \blacksquare walks in two directions
 "Windscreen wipers" theme

h#3 (3+10)

Take & Make

2.1...

G091



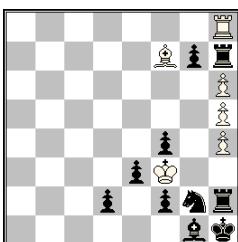
1. $\text{d}2 \text{xe}2\text{-d}3$ 2. $\text{e}2 \text{f}4+$ 3. $\text{f}1 \text{xh}5\text{-g}3\#$
1. $\text{c}4 \text{xd}5\text{-d}3$ 2. $\text{d}5 \text{f}4+$ 3. $\text{c}6 \text{xg}6\text{-e}7\#$

h#3 (3+13)

Take & Make

2.1...

G092



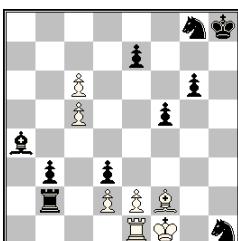
1. $\text{xh}6\text{-h}7 \text{xf}4\text{-f}3$ 2. $\text{xh}5\text{-h}6 \text{xg}2\text{-f}4$ 3. $\text{xh}4\text{-h}5 \text{xh}5\text{-d}5\#$

6 invisible captures

h#3 (6+10)

Take & Make

G093



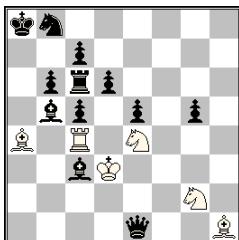
1. $\text{dx}e2\text{-e}4 \text{xe}4\text{-e}3$ 2. $\text{xd}2\text{-d}4 \text{h}3+$ 3. $\text{h}4 \text{xh}4\text{-d}4\#$
1. $\text{dx}e2\text{-e}3 \text{xe}3\text{-e}2$ 2. $\text{xc}6\text{-c}7 \text{d}4+$ 3. $\text{e}5 \text{xe}5\text{-h}2\#$

h#3 (7+10)

Take & Make

2.1...

G094



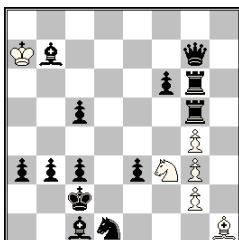
1. $\mathbb{Q}xe4-f2 \mathbb{R}xc5-c4$ 2. $\mathbb{Q}xg2-e1 \mathbb{R}xc6-c4+$ 3. $\mathbb{Q}xa4-c6 \mathbb{R}xc6-a4\#$
(2. $\mathbb{Q}xg2-f4, h4? \dots 4. \mathbb{Q}xa4-e4!$)

6 successive thematic moves in the solution; 7 in the try
Roundtrip by the black queen

h#3 (6+12)

Take & Make

G095



1. $\mathbb{R}xg4-g5 \mathbb{Q}xg5-e5$ 2. $\mathbb{R}xg3-g4 \mathbb{Q}xg4-c4$ 3. $\mathbb{R}xg2-g3 \mathbb{Q}xb7-e4\#$

Only one solution, but a maximum task: all six moves are thematic

h#3 (6+13)

Take & Make



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

**ENTRIES
SECTION H: RETROS**

July 2016

Judging countries

Finland, France, Germany, Japan, USA
(Sweden as reserve)

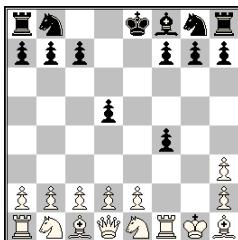
Theme

In an orthodox proof game several pieces exchange their places.

In position **A** in the course of proof game a number of pieces occupy a set of squares. Later in position **B** the same pieces occupy the same squares, but every piece stands on another square. It is allowed to have exchange between pieces of any color and any nature, direct or cyclic.

Position **A** may be an initial game array, though this is not required. Position **B** may be a final position of a proof game, but this is also not required. It is allowed to have additional promoted pieces in diagram position. The promoted piece is considered a unit different from original pawn.

H001



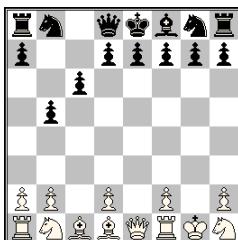
A 1.f4 d5 2.♘f3 ♜h3 3.gxh3 e5 4.♗g2 exf4 5.0-0 ♖h4 6.♗h1 ♜e1
7.♗xe1 **B**

A/B ♜e1 ↔ ♗g1, ♖h1 ↔ ♗f1

PG 6.5

(15+14)

H002



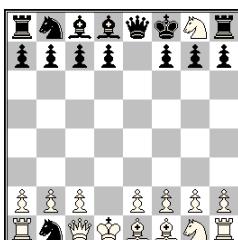
A 1.e4 b5 2.♘e2 ♜b7 3.♗g3 ♜xe4 4.♗e2 ♖xc2 5.0-0 ♖e4 6.♗e1
♖xg2 7.♗d1 ♜h1 8.♗xh1 c6 **B**

A/B ♜e1 → ♗g1 → ♖h1 → ♗f1 → ♖d1 → ♜e1 (cyclic)

PG 8.0

(13+15)

H003



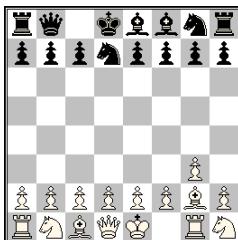
A 1.♗c3 ♗f6 2.♗d5 ♗e4 3.♗xe7 ♗xd2 4.♗g8 ♗b1 5.♗d2 ♗e7
6.♗c1 ♗f8 7.♗d1 ♗e8 8.♗e1 ♗d8 **B**

A/B ♗b1 ↔ ♗g8, ♗e1 → ♗d1 → ♗c1 → ♗e1 (cyclic), ♗e8 → ♗f8 →
♗d8 → ♗e8 (cyclic)

PG 8.0

(15+15)

H004



A 1. $\mathbb{Q}f3$ d5 2. $\mathbb{Q}g1$ d4 3. $\mathbb{Q}xd4$ $\mathbb{Q}d7$ **B** 4. $\mathbb{Q}f5$ $\mathbb{Q}c8$ 5. $\mathbb{Q}g3$ $\mathbb{Q}d8$ 6. $\mathbb{Q}h1$ **C** $\mathbb{Q}e8$ **D** 7. g3 $\mathbb{Q}d7$ 8. $\mathbb{Q}h3!$ (tempo) $\mathbb{Q}b8$ 9. $\mathbb{Q}g2$ **E**

A/C $\mathbb{Q}h1 \leftrightarrow \mathbb{Q}g1$

A/D $\mathbb{Q}e8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}e8$ (cyclic)

B/E $\mathbb{Q}e8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}b8 \rightarrow \mathbb{Q}d7 \rightarrow \mathbb{Q}e8$ (cyclic)

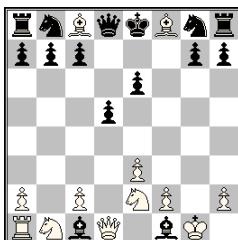
Tempo move 8. $\mathbb{Q}h3$

Only one capture

PG 8.5

(16+15)

H005



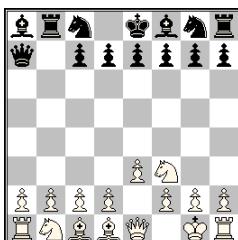
A 1. e3 d5 2. $\mathbb{Q}d3$ $\mathbb{Q}h3$ 3. $\mathbb{Q}e2$ f5 4. 0-0 $\mathbb{Q}xg2$ 5. $\mathbb{Q}xf5$ $\mathbb{Q}xf1$ 6. $\mathbb{Q}c8$ e6 7. b4 $\mathbb{Q}xb4$ 8. $\mathbb{Q}a3$ $\mathbb{Q}xd2$ 9. $\mathbb{Q}f8$ $\mathbb{Q}c1$ **B**

A/B $\mathbb{Q}f1 \leftrightarrow \mathbb{Q}c8$, $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}f8$

PG 9.0

(12+15)

H006



A 1. e3 a6 2. $\mathbb{Q}xa6$ $\mathbb{Q}c6$ 3. $\mathbb{Q}xb7$ $\mathbb{Q}a7$ 4. $\mathbb{Q}f3$ **B** $\mathbb{Q}b7$ 5. $\mathbb{Q}f1$ $\mathbb{Q}b8$ 6. $\mathbb{Q}e1$ $\mathbb{Q}c8$ 7. $\mathbb{Q}d1$ **C** $\mathbb{Q}a7$ 8. $\mathbb{Q}f3$ $\mathbb{Q}b8$ 9. $\mathbb{Q}g1$ $\mathbb{Q}a8$ **D**

A/C $\mathbb{Q}d1 \rightarrow \mathbb{Q}e1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}d1$ (cyclic)

A/D $\mathbb{Q}a8 \rightarrow \mathbb{Q}b8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}a8$ (cyclic)

B/D $\mathbb{Q}d1 \rightarrow \mathbb{Q}e1 \rightarrow \mathbb{Q}g1 \rightarrow \mathbb{Q}f3 \rightarrow \mathbb{Q}d1$ (cyclic)

3 cyclic exchanges

PG 9.0

(16+14)

H007



A 1.e4 ♜f6 2.♗d3 ♜xe4 3.♗e2 f6 4.0-0 ♗xd2 5.♗xh7 ♗xf1 6.♗g8 ♗xh2 7.a4 ♘h4 8.♗a3 ♘xa4 9.♗h3 ♘a1 10.♗h8 **B**

A/B ♘a1 ↔ ♘h8, ♗f1 ↔ ♗g8

PG 9.5

(11+15)

H008



A 1.g3 d5 2.♗g2 d4 3.♗xb7 d3 4.♗f3 dxс2 5.0-0 ♘xd2 6.♗xd2 cxb1 ♘! 7.♗d1 ♘xa2 8.♗e1 ♘d5 9.♗d2 ♘d8! 10.♗h1 c6 11.♗f1! **B**

A/B ♘e1 → ♘g1 → ♗f1 → ♘h1 → ♘d1 → ♘e1 (cyclic)

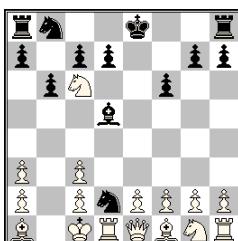
Pronkin B ♘d8 (promoted queen returned to home square) and White castling

All black pieces on home squares

PG 10.5

(12+14)

H009



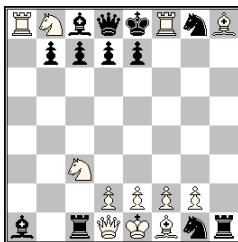
A 1.♗c3 b6 2.♗d5 ♘b7 3.♗xe7 ♘d5 4.♗c6 ♘a3 5.bxa3 ♘f6 6.♗b2 ♘c3 7.dxc3 ♘f6 8.♗d2 ♘e4 9.0-0-0 f6 10.♗e1 ♘d2 11.♗a1 **B**

A/B ♘e1 → ♘c1 → ♘a1 → ♘d1 → ♘e1 (cyclic)

PG 10.5

(16+13)

H010

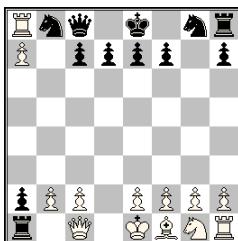


A 1.b4 g5 2.b5 g4 3.b6 g3 4.bxa7 gxh2 5.axb8 \mathbb{Q} hgx1 \mathbb{Q} 6. \mathbb{Q} xh7 \mathbb{Q} xa2 7. \mathbb{Q} xf7 \mathbb{Q} xc2 8. \mathbb{Q} b2 \mathbb{Q} h1 9. \mathbb{Q} h8 \mathbb{Q} g7 10. \mathbb{Q} a8 \mathbb{Q} a1 11. \mathbb{Q} c3 \mathbb{Q} c1 12. \mathbb{Q} f8 **B**

A/B \mathbb{Q} a1 \rightarrow \mathbb{Q} a8 \rightarrow \mathbb{Q} c1 \rightarrow \mathbb{Q} h8 \rightarrow \mathbb{Q} h1 \rightarrow \mathbb{Q} f8 \rightarrow \mathbb{Q} a1 (cyclic)

PG 11.5 (12+12)

H011



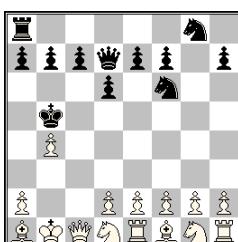
A 1.a4 b5 2.axb5 g6 3. \mathbb{Q} a6 \mathbb{Q} h6 4. \mathbb{Q} xg6 \mathbb{Q} xd2+ 5. \mathbb{Q} xd2 a5 6. \mathbb{Q} b4 axb4 7. \mathbb{Q} c1 \mathbb{Q} a1 8. \mathbb{Q} a3 bxa3 9. \mathbb{Q} a6 a2 10. \mathbb{Q} a8 \mathbb{Q} a6 11. bxa6 \mathbb{Q} c8 12. a7 **B**

A/B \mathbb{Q} a1 \leftrightarrow \mathbb{Q} a8, \mathbb{Q} a2 \leftrightarrow \mathbb{Q} a7

Only 11.5 moves

PG 11.5 (13+12)

H012



A 1.b4 d6 2. \mathbb{Q} b2 \mathbb{Q} f5 3. \mathbb{Q} xg7 \mathbb{Q} xc2 4. \mathbb{Q} xh8 \mathbb{Q} g7 5. \mathbb{Q} xc2 \mathbb{Q} c3 6. \mathbb{Q} xc3 \mathbb{Q} d7 7. 0-0-0 \mathbb{Q} c6 8. \mathbb{Q} e1 \mathbb{Q} d7 9. \mathbb{Q} d1+ \mathbb{Q} b5 10. \mathbb{Q} a1 \mathbb{Q} df6 11. \mathbb{Q} b1 \mathbb{Q} d7 12. \mathbb{Q} c1 **B**

A/B \mathbb{Q} e1 \rightarrow \mathbb{Q} b1 \rightarrow \mathbb{Q} d1 \rightarrow \mathbb{Q} c1 \rightarrow \mathbb{Q} a1 \rightarrow \mathbb{Q} e1 (cyclic)

PG 11.5 (15+12)

H013

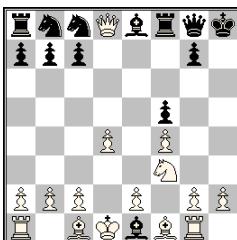


A 1. $\mathbb{Q}c3$ d5 2. $\mathbb{Q}xd5$ $\mathbb{Q}f5$ 3. c3 $\mathbb{Q}c8$ 4. $\mathbb{Q}a4+$ $\mathbb{Q}d8$ 5. $\mathbb{Q}xa7$ $\mathbb{Q}f6$ 6. $\mathbb{Q}xb8$ $\mathbb{Q}e8$ 7. $\mathbb{Q}f6$ $\mathbb{Q}xa2$ 8. $\mathbb{Q}g8$ $\mathbb{Q}xb2$ 9. $\mathbb{Q}a8$ $\mathbb{Q}a2$ 10. $\mathbb{Q}a3$ $\mathbb{Q}b1$ 11. $\mathbb{Q}c5$ $\mathbb{Q}a1$ 12. $\mathbb{Q}a7$ $\mathbb{Q}a2\#$

A/B $\mathbb{Q}e8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}b1 \rightarrow \mathbb{Q}g8 \rightarrow \mathbb{Q}e8$ (cyclic), $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}a8$

PG 12.0 (14+13)

H014

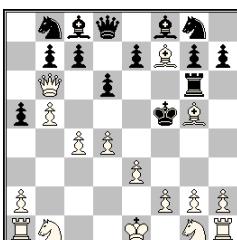


A 1. $\mathbb{Q}c3$ d5 2. $\mathbb{Q}xd5$ $\mathbb{Q}d7$ 3. $\mathbb{Q}xe7$ $\mathbb{Q}xe7$ 4. d4 $\mathbb{Q}c8$ 5. $\mathbb{Q}d3$ $\mathbb{Q}b4+$ 6. $\mathbb{Q}d1$ $\mathbb{Q}e1$ 7. $\mathbb{Q}xh7$ f5 8. $\mathbb{Q}h4$ 0-0 9. f4 $\mathbb{Q}e8$ 10. $\mathbb{Q}f3$ $\mathbb{Q}d5$ 11. $\mathbb{Q}d8$ $\mathbb{Q}h8$ 12. $\mathbb{Q}g1$ $\mathbb{Q}g8$ **B**

A/B $\mathbb{Q}e8 \rightarrow \mathbb{Q}h8 \rightarrow \mathbb{Q}f8 \rightarrow \mathbb{Q}e1 \rightarrow \mathbb{Q}d1 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}g8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}e8$ (cyclic)

PG 12.0 (15+13)

H015

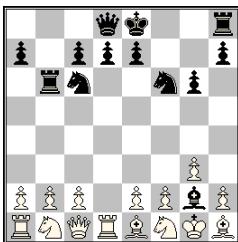


1. d4 a5 2. $\mathbb{Q}g5$ $\mathbb{Q}a6$ 3. e3 $\mathbb{Q}g6$ 4. $\mathbb{Q}c4$ d6 5. $\mathbb{Q}xf7+$ **A** $\mathbb{Q}d7$ 6. c4 $\mathbb{Q}h6$ 7. $\mathbb{Q}b3$ $\mathbb{Q}g8$ 8. $\mathbb{Q}xg8$ $\mathbb{Q}f7$ **B** 9. $\mathbb{Q}b6$ $\mathbb{Q}e6$ 10. b4 $\mathbb{Q}f5$ 11. b5 $\mathbb{Q}h6$ 12. $\mathbb{Q}f7$ $\mathbb{Q}g8$ **C**

A/B/C $\mathbb{Q}f7 \leftrightarrow \mathbb{Q}g8$ (twice)

PG 12.0 (16+14)

H016



A 1.g3 f5 2. \mathbb{Q} g2 f4 3. \mathbb{Q} xb7 f3 4. \mathbb{Q} xf3 g6 5.0-0 \mathbb{Q} h6 6. \mathbb{Q} e1 \mathbb{Q} xd2 7. \mathbb{Q} fxd2 \mathbb{Q} f6 8. \mathbb{Q} h1 \mathbb{Q} b7 9. \mathbb{Q} f1 \mathbb{Q} g2 **B** 10. \mathbb{Q} d2 \mathbb{Q} c6 11. \mathbb{Q} c1 \mathbb{Q} b8 12. \mathbb{Q} d1 \mathbb{Q} b6 13. \mathbb{Q} e1 **C**

A/B \mathbb{Q} e1 → \mathbb{Q} g1 → \mathbb{Q} f1 → \mathbb{Q} h1 → \mathbb{Q} e1 (cyclic)

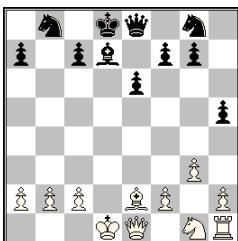
B/C \mathbb{Q} e1 → \mathbb{Q} d1 → \mathbb{Q} c1 → \mathbb{Q} e1 (cyclic)

A/C \mathbb{Q} e1 → \mathbb{Q} g1 → \mathbb{Q} f1 → \mathbb{Q} h1 → \mathbb{Q} d1 → \mathbb{Q} c1 → \mathbb{Q} e1 (cyclic)

PG 12.5

(15+13)

H017



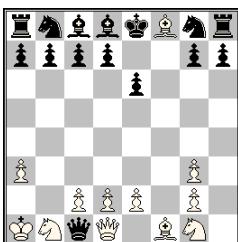
A 1.g3 h5 2. \mathbb{Q} g2 \mathbb{Q} h6 3. \mathbb{Q} xb7 \mathbb{Q} d6 4.Lxa8 \mathbb{Q} xd2 5. \mathbb{Q} f3 \mathbb{Q} xe2+ 6. \mathbb{Q} xe2 e6 7. \mathbb{Q} g5 \mathbb{Q} b4+ 8. \mathbb{Q} d2 \mathbb{Q} xd2+ 9. \mathbb{Q} xd2 \mathbb{Q} xg5 10.0-0-0 \mathbb{Q} e7 11. \mathbb{Q} e1 \mathbb{Q} d8 12. \mathbb{Q} xd7+ \mathbb{Q} xd7 13. \mathbb{Q} d1 \mathbb{Q} e8 **B**

A/B \mathbb{Q} e1 ↔ \mathbb{Q} d1, \mathbb{Q} e8 ↔ \mathbb{Q} d8

PG 13.0

(11+11)

H018



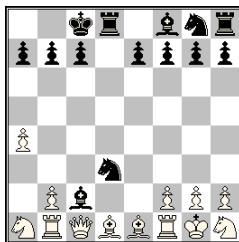
A 1.h4 f5 2. \mathbb{Q} h3 f4 3. \mathbb{Q} g3 fxg3 4.fxg3 e6 5. \mathbb{Q} f2 \mathbb{Q} a3 6. \mathbb{Q} e3 \mathbb{Q} xb2 7. \mathbb{Q} d3 \mathbb{Q} xa1 8. \mathbb{Q} a3 \mathbb{Q} f6 9. \mathbb{Q} f8 \mathbb{Q} xh4 10. \mathbb{Q} c3 \mathbb{Q} e7 11. \mathbb{Q} b2 \mathbb{Q} a3+ 12. \mathbb{Q} a1 \mathbb{Q} c1 13.a3 \mathbb{Q} d8 **B**

A/B \mathbb{Q} c1 → \mathbb{Q} f8 → \mathbb{Q} d8 → \mathbb{Q} c1 (cyclic)

PG 13.0

(12+15)

H019



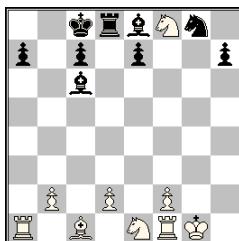
PG 13.5 (13+14)

A 1.a4 ♜c6 2.♗a3 ♜d4 3.♗b1 ♜xe2 4.♗xe2 d5 5.♗g3 d4 6.♗e2 d3
7.0-0 dxc2 8.♗h1 ♛xd2 9.♗xd2 c1 ♜ 10.♗c2 ♜f5 11.♗a1 ♜c2
12.♗e1 ♜d3 13.♗c1 0-0-0 14.♗d1 **B**

A/B ♛d1 → ♜c1 → ♛e1 → ♜g1 → ♛h1 → ♜f1 → ♛d1 (cyclic),
♜a1 ↔ ♜b1

Phoenix

H020



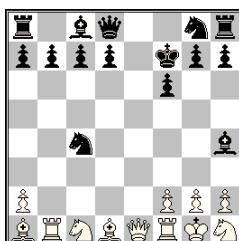
PG 14.0 (9+9)

A 1.h4 b5 2.h5 b4 3.h6 b3 4.hxg7 bxa2 5.gxh8 ♜ axb1 ♜ 6.♗xf7 ♜ xc2
7.♗xd8 ♜xd1 8.♗c6 ♜xe2 9.♗xb8 ♜xf1 10.♗xd7 ♜xg2 11.♗xf8
♜c6 12.♗f3 ♜8d7 13.0-0-0-0-0 14.♗e1 ♜e8 **B**

A/B ♜e1 ↔ ♜g1, ♜e8 ↔ ♜c8

The promoted W♝ captures B♛, the promoted B♝ captures W♛.
White castles kingside, whereas Black castles queenside. The pieces on the exchange squares e1 and e8 are of the same kind as the promoted ones (♜ and ♜, respectively)

H021

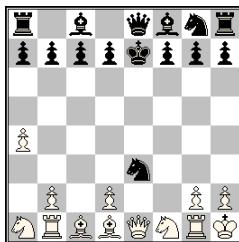


PG 14.0 (12+15)

A 1.c4 ♜c6 2.♗c3 ♜d4 3.♗b1 ♜xe2 4.♗gxe2 e5 5.♗g3 e4 6.♗e2 e3
7.0-0 exd2 8.♗e1 d1 ♜ 9.♗h1 ♜xb2 10.♗d1 ♜e7 11.♗e2 ♜xc4
12.♗b2 ♜h4 13.♗a1 f6 14.♗c1 ♜f7 **B**

A/B ♜e1 → ♜g1 → ♛h1 → ♜f1 → ♛d1 → ♜e1 (cyclic), ♜a1 → ♜b1
→ ♜c1 → ♛a1 (cyclic)

H022

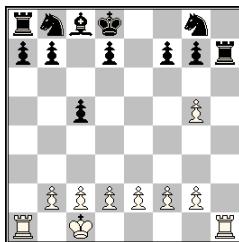


A 1.a4 $\mathbb{Q}c6$ 2. $\mathbb{Q}a3$ $\mathbb{Q}d4$ 3. $\mathbb{Q}b1$ $\mathbb{Q}xe2$ 4. $\mathbb{Q}xe2$ e6! 5. $\mathbb{Q}g3$ e5 6. $\mathbb{Q}e2$ e4
7.0-0 e3 8. $\mathbb{Q}h1$ exf2 9. $\mathbb{Q}g1$ f1 $\mathbb{Q}f1$ 10. $\mathbb{Q}e1$ $\mathbb{Q}e3$ 11. $\mathbb{Q}f1$ $\mathbb{Q}xc2$ 12. $\mathbb{Q}d1$
 $\mathbb{Q}e3$ 13. $\mathbb{Q}c2$ $\mathbb{Q}e7$ 14. $\mathbb{Q}a1$ **B** $\mathbb{Q}e8$

A/B $\mathbb{Q}e1 \rightarrow \mathbb{Q}h1 \rightarrow \mathbb{Q}g1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}e1 \rightarrow \mathbb{Q}e1$ (cyclic), $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}b1$

PG 14.0 (13+15)

H023



A 1. $\mathbb{Q}c3$ c5 2. $\mathbb{Q}d5$ $\mathbb{Q}a5$ 3. $\mathbb{Q}xe7$ $\mathbb{Q}xe7$ 4.h4 $\mathbb{Q}g5$ 5.hxg5 $\mathbb{Q}xa2$ 6. $\mathbb{Q}xh7$
 $\mathbb{Q}b1$ 7. $\mathbb{Q}h6!$ (7. $\mathbb{Q}h4/h3?$) $\mathbb{Q}xc1$ 8. $\mathbb{Q}ha6$ (8. $\mathbb{Q}ha4/a3?$) $\mathbb{Q}b1$ 9. $\mathbb{Q}xb1$
 $\mathbb{Q}h1$ 10. $\mathbb{Q}a2$ $\mathbb{Q}xg1$ 11.0-0-0 $\mathbb{Q}xf1$ 12. $\mathbb{Q}a5!$ $\mathbb{Q}h1$ 13. $\mathbb{Q}d8+$ $\mathbb{Q}xd8$
14. $\mathbb{Q}a1$ $\mathbb{Q}h7$ 15. $\mathbb{Q}h1$ **B**

A/B $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}h1$

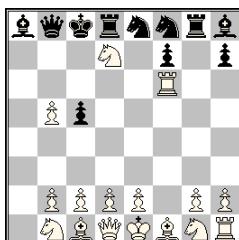
Dual avoidance

Black and white queens move over the same squares

White queen makes three moves without capturing to be captured on d8

PG 14.5 (10+12)

H024



A 1.a4 b5 2.axb5 c5 3. $\mathbb{Q}xa7$ $\mathbb{Q}b6$ 4. $\mathbb{Q}xd7$ $\mathbb{Q}b7$ 5. $\mathbb{Q}d6$ $\mathbb{Q}d7$ 6.f4 0-0-0
7.f5 $\mathbb{Q}a8$ 8.f6 $\mathbb{Q}b8$ 9.fxe7 $\mathbb{Q}gf6$ 10.e8 **B** $\mathbb{Q}g8$ 11. $\mathbb{Q}xg7$ $\mathbb{Q}e8$ **C**
12. $\mathbb{Q}h5$ $\mathbb{Q}g7$ 13. $\mathbb{Q}f6$ **D** $\mathbb{Q}f8$ 14. $\mathbb{Q}d7$ **E** $\mathbb{Q}h8$ 15. $\mathbb{Q}f6$ **F**

A/F $\mathbb{Q}e8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}a8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}b8 \rightarrow \mathbb{Q}f8 \rightarrow \mathbb{Q}h8 \rightarrow \mathbb{Q}g8 \rightarrow$
 $\mathbb{Q}e8$ (cyclic)

B/D $\mathbb{Q}e8 \leftrightarrow \mathbb{Q}f6$

C/E $\mathbb{Q}g7 \rightarrow \mathbb{Q}d7 \rightarrow \mathbb{Q}f8 \rightarrow \mathbb{Q}g7$ (cyclic)

Black back rank permutation; four pieces involved in 2 exchanges,
including a promoted piece ($W\mathbb{Q}e8$, $B\mathbb{Q}f8$, $B\mathbb{Q}b8$, $B\mathbb{Q}g8$); 2 doubly
thematic moves ($\mathbb{Q}e8$, $\mathbb{Q}f8$)

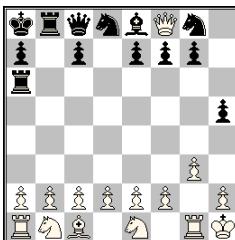
Round-trip ($f6xe7-e8-g7-h5-f6$); four moves to f6; long castling

Tries: 9.fxg7? 10.g8 \mathbb{Q} 11. $\mathbb{Q}xe7+?$, 12. $\mathbb{Q}e6?$ 13. $\mathbb{Q}xc5?$ (13. $\mathbb{Q}f8?$ $\mathbb{Q}xf8$)

Dual avoidances by check, capture and being captured

PG 14.5 (16+11)

H025

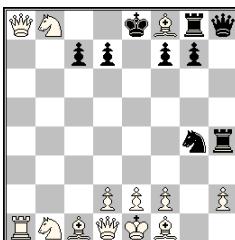


A 1.g3 h5 2. \mathbb{Q} g2 \mathbb{Q} h6 3. \mathbb{Q} xb7 \mathbb{Q} a6 4. \mathbb{Q} c6 \mathbb{Q} b7 5. \mathbb{Q} xd7 \mathbb{Q} xd7 6. \mathbb{Q} f3 \mathbb{Q} c6 7.0-0 0-0-0 8. \mathbb{Q} h1 \mathbb{Q} b8 9. \mathbb{Q} g1 \mathbb{Q} a8 10. \mathbb{Q} f1 \mathbb{Q} b8 11. \mathbb{Q} h3 \mathbb{Q} c8 12. \mathbb{Q} d7 \mathbb{Q} d8 13. \mathbb{Q} e8 \mathbb{Q} c6 14. \mathbb{Q} x8 \mathbb{Q} e8 15. \mathbb{Q} e1 **B**

A/B \mathbb{Q} e8 \rightarrow \mathbb{Q} a8 \rightarrow \mathbb{Q} b8 \rightarrow \mathbb{Q} d8 \rightarrow \mathbb{Q} c8 \rightarrow \mathbb{Q} e8 (cyclic), \mathbb{Q} e1 \rightarrow \mathbb{Q} h1 \rightarrow \mathbb{Q} g1 \rightarrow \mathbb{Q} e1 (cyclic)

PG 14.5 (15+13)

H026



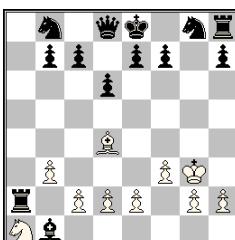
1.a4 h5 2.a5 h4 3.a6 h3 4.axb7 hxg2 5.bxa8 \mathbb{Q} b7 6.c4 \mathbb{Q} d5 7.cxd5 gxh1 \mathbb{Q} 8.d6 \mathbb{Q} xg1 9.dxe7 \mathbb{Q} g4 10.exf8 \mathbb{Q} h4 **A** 11.b4 \mathbb{Q} f6 12.b5 \mathbb{Q} g8 13.b6 \mathbb{Q} h8 14.bxa7 \mathbb{Q} h4 15.axb8 \mathbb{Q} g4 **B**

A/B \mathbb{Q} h8 \rightarrow \mathbb{Q} g8 \rightarrow \mathbb{Q} g4 \rightarrow \mathbb{Q} h4 \rightarrow \mathbb{Q} h8 (cyclic)

Mixed AUW: bxa8 \mathbb{Q} /gxh1 \mathbb{Q} /exf8 \mathbb{Q} /axb8 \mathbb{Q}

PG 15.0 (13+9)

H027

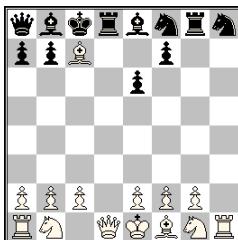


1. \mathbb{Q} f3 d6 2. \mathbb{Q} d4 \mathbb{Q} e6 3.f3 \mathbb{Q} xa2 4. \mathbb{Q} b3 \mathbb{Q} xb1 5. \mathbb{Q} xa7 \mathbb{Q} xa7 6. \mathbb{Q} a1 \mathbb{Q} a2 **A** 7.b3 \mathbb{Q} b2 8. \mathbb{Q} f2 \mathbb{Q} a2 9. \mathbb{Q} g3 \mathbb{Q} b1 **B** 10. \mathbb{Q} b2 \mathbb{Q} xd1 11. \mathbb{Q} g7 \mathbb{Q} xf1 12. \mathbb{Q} xf8 \mathbb{Q} b1 13. \mathbb{Q} g7 \mathbb{Q} b2 14. \mathbb{Q} b1 \mathbb{Q} xb1 15. \mathbb{Q} d4 \mathbb{Q} a2 **C**

A/B/C \mathbb{Q} a2 \leftrightarrow \mathbb{Q} b1 (twice)

PG 15.0 (10+13)

H028



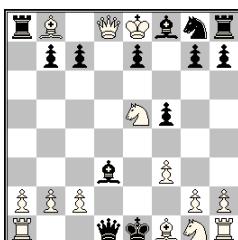
A 1.d4 e6 2.d5 $\mathbb{Q}e7$ 3.d6 $\mathbb{Q}g6$ 4.dxc7 $\mathbb{Q}xc7$ 5. $\mathbb{Q}xd7+$ $\mathbb{Q}xd7$ 6.h4 $\mathbb{Q}d6$ 7.h5 $\mathbb{Q}df8$ 8.h6 $\mathbb{Q}d7$ 9.hxg7 0-0-0 10.g8 $\mathbb{Q}b8$ 11. $\mathbb{Q}xh7$ $\mathbb{Q}g8$ 12. $\mathbb{Q}f4$ $\mathbb{Q}h8$ 13. $\mathbb{Q}d3$ $\mathbb{Q}a8$ 14. $\mathbb{Q}d1$ $\mathbb{Q}b8$ 15. $\mathbb{Q}c7$ $\mathbb{Q}e8$ **B**

A/B $\mathbb{Q}d8 \leftrightarrow \mathbb{Q}a8$; $\mathbb{Q}b8 \leftrightarrow \mathbb{Q}f8$; $\mathbb{Q}e8 \leftrightarrow \mathbb{Q}c8$; $\mathbb{Q}h8 \leftrightarrow \mathbb{Q}g8$

Pronkin

PG 15.0 (14+12)

H029



A 1.f3 d5 2. $\mathbb{Q}f2$ **B** $\mathbb{Q}d7$ 3. $\mathbb{Q}e3$ d4+ 4. $\mathbb{Q}xd4$ **C** $\mathbb{Q}c6$ 5. $\mathbb{Q}e5$ $\mathbb{Q}xd2$ 6. $\mathbb{Q}a3$ $\mathbb{Q}xe2+$ 7. $\mathbb{Q}e3$ $\mathbb{Q}f5$ 8. $\mathbb{Q}d8$ $\mathbb{Q}d1$ 9. $\mathbb{Q}xa7$ $\mathbb{Q}d3$ 10. $\mathbb{Q}xb8$ f5 11. $\mathbb{Q}e6$ $\mathbb{Q}c5$ 12. $\mathbb{Q}d7$ $\mathbb{Q}d4$ **D** 13. $\mathbb{Q}e8+$ $\mathbb{Q}e3$ 14. $\mathbb{Q}c4+$ $\mathbb{Q}f2$ **E** 15. $\mathbb{Q}e5$ $\mathbb{Q}e1$ **F**

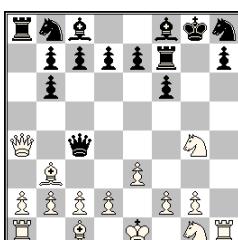
A/F $\mathbb{Q}d1 \leftrightarrow \mathbb{Q}d8$, $\mathbb{Q}e1 \leftrightarrow \mathbb{Q}e8$

B/E $\mathbb{Q}f2 \leftrightarrow \mathbb{Q}e8$

C/D $\mathbb{Q}d4 \leftrightarrow \mathbb{Q}d7$

PG 15.0 (14+13)

H030



1.h4 f6 2.h5 $\mathbb{Q}f7$ **A** 3.h6 $\mathbb{Q}e8$ 4.hxg7 $\mathbb{Q}h6$ 5.g8 $\mathbb{Q}g7$ 6.e3 $\mathbb{Q}f7$ 7. $\mathbb{Q}h6$ $\mathbb{Q}g8$ 8. $\mathbb{Q}g4+$ $\mathbb{Q}h8$ **B** 9. $\mathbb{Q}a4$ $\mathbb{Q}g7$ 10. $\mathbb{Q}g4$ $\mathbb{Q}g8$ 11. $\mathbb{Q}c3$ $\mathbb{Q}h8$ 12. $\mathbb{Q}c4+$ $\mathbb{Q}f7$ 13. $\mathbb{Q}b3$ $\mathbb{Q}c4$ 14. $\mathbb{Q}d5$ $\mathbb{Q}f7$ **C** 15. $\mathbb{Q}b6$ axb6

A/B/C $\mathbb{Q}f7 \rightarrow \mathbb{Q}h8 \rightarrow \mathbb{Q}g8 \rightarrow \mathbb{Q}f7$ (cyclic, 2 times)

PG 15.0 (15+15)

H031



A 1. $\mathbb{Q}c3$ g5 2. $\mathbb{Q}d5$ g4 3. $\mathbb{Q}xe7$ g3 4. $\mathbb{Q}c6$ dxc6 5. $\mathbb{Q}f3$ $\mathbb{Q}h3$ 6. $\mathbb{Q}xh3$ $\mathbb{Q}e7$ 7. $\mathbb{Q}g2$ $\mathbb{Q}g8$ 8. 0-0 gxf2+ 9. $\mathbb{Q}h1$ $\mathbb{Q}g3$ 10. $\mathbb{Q}e1$ **B** f1 \mathbb{Q} 11. $\mathbb{Q}g1$ $\mathbb{Q}e3$ 12. $\mathbb{Q}f2$ $\mathbb{Q}d4$ 13. $\mathbb{Q}h1$ $\mathbb{Q}g4+$ 14. $\mathbb{Q}e1$ **C** $\mathbb{Q}f2$ 15. $\mathbb{Q}g1$ $\mathbb{Q}f3$ 16. $\mathbb{Q}f1$

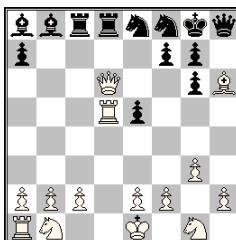
A/B/C $\mathbb{Q}e1 \leftrightarrow \mathbb{Q}h1$ (twice)

Switchback of $\mathbb{Q}e1$, $\mathbb{Q}f1$, $\mathbb{Q}g1$, $\mathbb{Q}h1$

Hidden castling (castling paradox)

PG 15.5 (14+14)

H032



A 1. d4 e5 2. d5 $\mathbb{Q}h4$ 3. d6 $\mathbb{Q}f6$ 4. dxc7 $\mathbb{Q}d6$ 5. g3 0-0 6. $\mathbb{Q}g2$ $\mathbb{Q}d8$ 7. $\mathbb{Q}xb7$ $\mathbb{Q}e8$ 8. $\mathbb{Q}c6$ $\mathbb{Q}b7$ 9. $\mathbb{Q}xd7$ $\mathbb{Q}xh1$ 10. $\mathbb{Q}f5$ $\mathbb{Q}d7$ 11. $\mathbb{Q}g6$ hxg6 12. c8 \mathbb{Q} $\mathbb{Q}h8$ 13. $\mathbb{Q}c5$ $\mathbb{Q}ac8$ 14. $\mathbb{Q}h6$ $\mathbb{Q}b8$ 15. $\mathbb{Q}d6$ $\mathbb{Q}a8$ 16. $\mathbb{Q}d5$ $\mathbb{Q}f8$ **B**

A/B $\mathbb{Q}a8 \leftrightarrow \mathbb{Q}c8$, $\mathbb{Q}b8 \leftrightarrow \mathbb{Q}f8$, $\mathbb{Q}d8 \leftrightarrow \mathbb{Q}h8$, $\mathbb{Q}e8 \leftrightarrow \mathbb{Q}g8$

4 direct exchanges with a nice black back rank permutation, Phoenix (9... $\mathbb{Q}x\mathbb{Q}h1$, 12.c8 \mathbb{Q}); 6 moves pass or arrive at d5; short castling Tries: 6. $\mathbb{Q}h3?$ $\mathbb{Q}d8$ 7. $\mathbb{Q}xd7$ $\mathbb{Q}e8$ 8. $\mathbb{Q}c6$ $\mathbb{Q}d7$ 9. $\mathbb{Q}xb7$ $\mathbb{Q}f8$ (too early) 10. $\mathbb{Q}e4$ $\mathbb{Q}b7$ 11. $\mathbb{Q}g6$ hxg6 12. c8 \mathbb{Q} $\mathbb{Q}h8$ 13. $\mathbb{Q}c5$ $\mathbb{Q}ac8$ 14. $\mathbb{Q}h6$ $\mathbb{Q}b8$ 15. $\mathbb{Q}d6$ $\mathbb{Q}xh1$ 16. $\mathbb{Q}d5$ – now the W $\mathbb{Q}d5$ makes 16... $\mathbb{Q}a8$ impossible; 11/12/13/14/15... $\mathbb{Q}f8?$ - still too early; 9/10.c8 $\mathbb{Q}?$ - black without useful move; 11.c8 $\mathbb{Q}?$ $\mathbb{Q}f8$ analogous to the first try; 14... $\mathbb{Q}a8?$ 15. $\mathbb{Q}d5$ $\mathbb{Q}b8$ and now the w $\mathbb{Q}d5$ renders 16. $\mathbb{Q}d6$ impossible; 14/15. $\mathbb{Q}d5?$

PG 16.0 (14+13)

H033

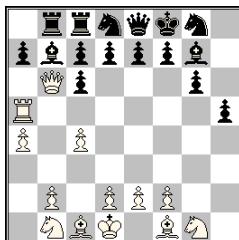


A 1. $\mathbb{Q}c3$ $\mathbb{Q}f6$ 2. $\mathbb{Q}d5$ $\mathbb{Q}e4$ 3. $\mathbb{Q}xe7$ $\mathbb{Q}xd2$ 4. $\mathbb{Q}g8$ $\mathbb{Q}b1$ 5. $\mathbb{Q}g5$ $\mathbb{Q}e7$ 6. f4 $\mathbb{Q}e3$ 7. $\mathbb{Q}d8$ $\mathbb{Q}c1$ 8. e3 h5 9. $\mathbb{Q}a6$ b5 10. $\mathbb{Q}e2$ $\mathbb{Q}b7$ 11. $\mathbb{Q}g1$ $\mathbb{Q}xg2$ 12. $\mathbb{Q}c8$ $\mathbb{Q}f1$ 13. $\mathbb{Q}xg7$ $\mathbb{Q}h6$ 14. $\mathbb{Q}h7$ $\mathbb{Q}g6$ 15. $\mathbb{Q}h8$ $\mathbb{Q}g1$ 16. $\mathbb{Q}g3$ $\mathbb{Q}h1$ **B**

A/B $\mathbb{Q}b1 \leftrightarrow \mathbb{Q}g8$, $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}d8$, $\mathbb{Q}f1 \leftrightarrow \mathbb{Q}c8$, $\mathbb{Q}h1 \leftrightarrow \mathbb{Q}h8$

PG 16.0 (14+14)

H034



1.g4 ♜c6 2.g5 ♜b8 3.g6 hxg6 4.h4 ♜h5 **A** 5.♕h3 ♜b5 6.h5 gxh5
7.♖a3 g6 8.♗a5 ♜g7 9.a4 ♜f8 10.♗a3 ♜e8 11.♗c3 ♜d8 12.♗c6
bxcc6 13.c4 ♜a6 14.♗b3 ♜c8 15.♗d1 ♜bb8 16.♗b6 ♜b7 **B**

A/B ♜g6 → ♜h5 → ♜b8 → ♜c8 → ♜b7 → ♜c6 → ♜d8 → ♜e8 →
♜f8 → ♜g7 → ♜g6 (cyclic, 10 black pieces)

PG 16.0 (13+16)

H035



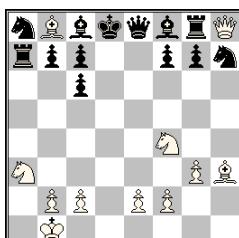
A 1.a4 b5 2.axb5 c5 3.♖xa7 ♜c6 4.bxc6 ♜c7 5.cxd7+ ♔d8 6.dxc8 ♜xh2 7.♗xe7 ♜xg1 8.♗xg8 ♜d6 9.♗xf7 ♜a1 10.♗a3 ♜xc1 11.♗xh7
♜a1 (switchback) 12.♗b1 ♜xf2+ 13.♗d1 ♜xf1+ 14.♗xf1 ♜d7
15.♗h6 ♜a8 16.♗h1 ♜e8 (rundlauf) 17.♗h8+ **B**

A/B ♜a1 → ♜h1 → ♜h8 → ♜a8 → ♜a1 (cyclic)

Phoenix, switchback, black king rundlauf

PG 16.5 (11+6)

H036



A 1.d3 e5 2.♗e3 e4 3.♗xa7 exd3 4.♗xd3 ♜h4 5.♗xh7 **B** ♜xh2 6.♗h3
♜e5 7.♗f4 ♜f6 8.♗h6 ♜g8 9.♗h8 ♜h7 10.♗c6 dxc6 11.g3 ♜d7
12.♗b8 ♜xa2 13.♗h3 ♜a7 14.♗a3 ♜b6 15.0-0-0 ♜a8 16.♗d8+ ♜xd8
17.♗b1 ♜e8 **C**

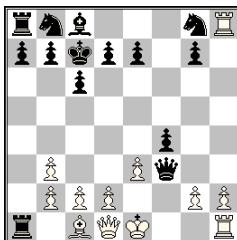
A/C ♜e8 ↔ ♜d8

B/C ♜h7 → ♜h8 → ♜g8 → ♜h7 (cyclic), ♜a7 → ♜b8 → ♜a8 → ♜a7
(cyclic)

2 white units "buried" by anticlockwise cyclic permutation of 3 pieces in
each of the corners a8 and h8; thematic exchange of black ♜ and ♜

PG 17.0 (11+13)

H037



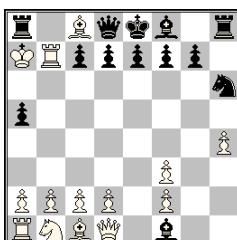
A 1. $\mathbb{Q}c3$ h5 2. $\mathbb{Q}e4$ h4 3. $\mathbb{Q}g3$ hxg3 4. e3 gxf2 5. $\mathbb{Q}e2$ fxe1 6. $\mathbb{Q}e1$ $\mathbb{Q}xf1$ 7. $\mathbb{Q}d1$ **B** $\mathbb{Q}f3$ 8. $\mathbb{Q}e2$ c6 9. $\mathbb{Q}e1$ $\mathbb{Q}b6$ 10. $\mathbb{Q}d1$ $\mathbb{Q}b3$ 11. axb3 f5 12. $\mathbb{Q}a5$ f4 13. $\mathbb{Q}f5$ $\mathbb{Q}d8$ 14. $\mathbb{Q}xf8$ $\mathbb{Q}c7$ 15. $\mathbb{Q}f6$ $\mathbb{Q}h5$ 16. $\mathbb{Q}h6$ $\mathbb{Q}a5$ 17. $\mathbb{Q}h8$ $\mathbb{Q}a1$ **C**

A/B/C $\mathbb{Q}e1 \leftrightarrow \mathbb{Q}d1$ (double exchange)

A/C $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}h8$

PG 17.0 (12+14)

H038

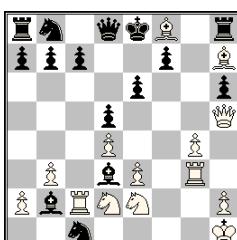


A 1. a4 h5 2. a5 h4 3. a6 h3 4. axb7 hxg2 5. $\mathbb{Q}h3$ $\mathbb{Q}xh3$ 6. bxc8 \mathbb{Q} $\mathbb{Q}b3$ 7. h4 $\mathbb{Q}c6$ 8. $\mathbb{Q}h3$ $\mathbb{Q}bb8$ 9. $\mathbb{Q}b3$ $\mathbb{Q}d4$ (or $\mathbb{Q}e5$) 10. $\mathbb{Q}b7$ $\mathbb{Q}f3+11.$ exf3 a5 12. $\mathbb{Q}e2$ $\mathbb{Q}a6$ 13. $\mathbb{Q}d3$ $\mathbb{Q}h6$ 14. $\mathbb{Q}c4$ $\mathbb{Q}h8$ 15. $\mathbb{Q}b5$ $\mathbb{Q}h6$ 16. $\mathbb{Q}a6$ gxf1 $\mathbb{Q}+$ 17. $\mathbb{Q}a7$ $\mathbb{Q}a8+$ **B**

A/B $\mathbb{Q}a8 \leftrightarrow \mathbb{Q}h8$

PG 17.0 (14+13)

H039



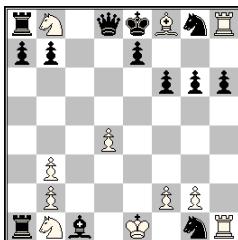
1. d4 $\mathbb{Q}h6$ 2. $\mathbb{Q}xh6$ d5 3. e3 $\mathbb{Q}f5$ 4. $\mathbb{Q}h5$ $\mathbb{Q}xc2$ 5. $\mathbb{Q}d3$ g5 6. $\mathbb{Q}e2$ g4 7. O-O g3 8. $\mathbb{Q}h1$ gxf2 9. $\mathbb{Q}g1$ f1 \mathbb{Q} 10. g4 $\mathbb{Q}d2$ 11. $\mathbb{Q}g3$ $\mathbb{Q}b3$ 12. $\mathbb{Q}d2$ e6 13. $\mathbb{Q}c1$ **A** $\mathbb{Q}a3$ 14. $\mathbb{Q}f8$ h6 15. $\mathbb{Q}h7$ $\mathbb{Q}d3$ 16. $\mathbb{Q}c2$ $\mathbb{Q}c1$ 17. b3 $\mathbb{Q}b2$ **B**

A/B $\mathbb{Q}c1 \rightarrow \mathbb{Q}c2 \rightarrow \mathbb{Q}d3 \rightarrow h7 \rightarrow \mathbb{Q}h6 \rightarrow \mathbb{Q}f8 \rightarrow b2 \rightarrow \mathbb{Q}b3 \rightarrow \mathbb{Q}c1$ (come-and-go, cyclic)

Come-and-go permutation of 8 pieces (4W+4B), including a promoted knight

PG 17.0 (14+15)

H040

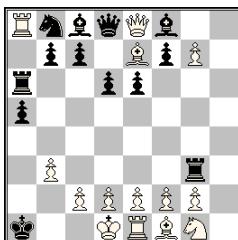


A 1. $\mathbb{Q}f3$ $\mathbb{Q}c6$ 2. $\mathbb{Q}e5$ $\mathbb{Q}d4$ 3. $\mathbb{Q}xd7$ $\mathbb{Q}xe2$ 4. $\mathbb{Q}b8$ $\mathbb{Q}g1$ 5. $\mathbb{Q}d3$ $\mathbb{Q}e6$ 6. $\mathbb{Q}g6$ $\mathbb{Q}b3$ 7. axb3 hxg6 8. $\mathbb{Q}a5$ $\mathbb{Q}xh2$ 9. $\mathbb{Q}h5$ $\mathbb{Q}h4$ 10. $\mathbb{Q}h8$ $\mathbb{Q}a4$ 11. $\mathbb{Q}h5$ $\mathbb{Q}a1$ 12. $\mathbb{Q}h6$ gxh6 13. d4 $\mathbb{Q}g7$ 14. $\mathbb{Q}f4$ $\mathbb{Q}f6$ 15. $\mathbb{Q}xc7$ $\mathbb{Q}g5$ 16. $\mathbb{Q}e5$ $\mathbb{Q}c1$ 17. $\mathbb{Q}g7$ f6 18. $\mathbb{Q}f8$ **B**

A/B $\mathbb{Q}g1 \leftrightarrow \mathbb{Q}b8$, $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}h8$, $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}f8$

PG 17.5 (11+13)

H041

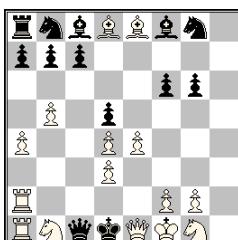


A 1. h4 a5 2. h5 $\mathbb{Q}a6$ 3. h6 $\mathbb{Q}g6$ 4. hxg7 h6 5. $\mathbb{Q}xh6$ $\mathbb{Q}g3$ 6. $\mathbb{Q}a6$ $\mathbb{Q}h6$ 7. $\mathbb{Q}a8$ $\mathbb{Q}a6$ 8. b3 e6 9. $\mathbb{Q}a3$ $\mathbb{Q}e7$ 10. $\mathbb{Q}xe7$ d6 11. $\mathbb{Q}c1$ $\mathbb{Q}d7$ 12. $\mathbb{Q}a3$ $\mathbb{Q}c6$ 13. $\mathbb{Q}a4$ $\mathbb{Q}c5$ 14. $\mathbb{Q}e8$ $\mathbb{Q}b4$ 15. $\mathbb{Q}a3$ $\mathbb{Q}xa3$ 16. 0-0-0 $\mathbb{Q}xa2$ 17. $\mathbb{Q}e1$ $\mathbb{Q}a1$ 18. $\mathbb{Q}d1$ **B**

A/B $\mathbb{Q}e1 \rightarrow \mathbb{Q}d1 \rightarrow \mathbb{Q}e8 \rightarrow \mathbb{Q}a1 \rightarrow \mathbb{Q}e1$ (cyclic)

PG 17.5 (14+13)

H042



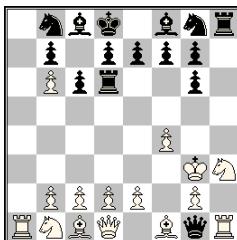
A 1. e4 h5 2. $\mathbb{Q}xh5$ g6 3. $\mathbb{Q}a5$ d5 4. a4 $\mathbb{Q}d7$ 5. $\mathbb{Q}b5+$ $\mathbb{Q}d6$ 6. $\mathbb{Q}f1$ $\mathbb{Q}c5$ 7. $\mathbb{Q}e8+$ $\mathbb{Q}c4$ 8. d4 $\mathbb{Q}d6$ 9. $\mathbb{Q}g5$ $\mathbb{Q}xh2$ 10. $\mathbb{Q}xe7$ $\mathbb{Q}f4$ 11. $\mathbb{Q}h3$ f6 12. $\mathbb{Q}ha3$ $\mathbb{Q}h3$ 13. $\mathbb{Q}3a2$ $\mathbb{Q}d3$ 14. cxd3+ $\mathbb{Q}b3$ 15. $\mathbb{Q}d8$ $\mathbb{Q}c2$ 16. b4+ $\mathbb{Q}d1$ 17. b5 $\mathbb{Q}c1$ 18. $\mathbb{Q}e1\#$ **B**

A/B $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}d8$, $\mathbb{Q}e8 \rightarrow \mathbb{Q}d1 \rightarrow \mathbb{Q}e1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}e8$ (cyclic)

The black \mathbb{Q} and \mathbb{Q} pay a visit to the 1st rank, while the white \mathbb{Q} s occupy their squares

PG 17.5 (15+13)

H043



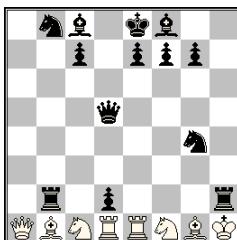
1.a4 a5 2. $\mathbb{Q}a3$ $\mathbb{Q}a6$ 3. $\mathbb{Q}g3$ $\mathbb{Q}d6$ 4. $\mathbb{Q}g6$ hxg6 5.h4 $\mathbb{Q}h5$ 6. $\mathbb{Q}h3$ $\mathbb{Q}b5$
7. $\mathbb{Q}xb5$ a4 8.h5 a3 9.h6 a2 10.h7 a1 \mathbb{Q} 11. $\mathbb{Q}h8$ A $\mathbb{Q}a4$ 12. $\mathbb{Q}h5$ $\mathbb{Q}h4$ 13.f4
c6 14. $\mathbb{Q}f2$ $\mathbb{Q}b6+$ 15. $\mathbb{Q}g3$ $\mathbb{Q}g1$ 16.b6 $\mathbb{Q}d8$ 17. $\mathbb{Q}a5$ $\mathbb{Q}h8$ 18. $\mathbb{Q}a1$ B

A/B $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}h8$ (Pronkin)

Economic Pronkins

PG 17.5 (15+15)

H044



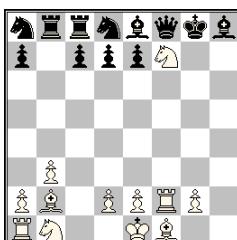
A 1.e4 a6 2. $\mathbb{Q}xa6$ $\mathbb{Q}f6$ 3. $\mathbb{Q}xb7$ $\mathbb{Q}xa2$ 4. $\mathbb{Q}e2$ $\mathbb{Q}xb2$ 5.0-0 $\mathbb{Q}xc2$ 6. $\mathbb{Q}e1$
 $\mathbb{Q}xd2$ 7. $\mathbb{Q}a4$ $\mathbb{Q}b2$ 8. $\mathbb{Q}e3$ $\mathbb{Q}xe4$ 9. $\mathbb{Q}d2$ $\mathbb{Q}xf2$ 10. $\mathbb{Q}ad1$ $\mathbb{Q}g4$ 11. $\mathbb{Q}a1$ d5
12. $\mathbb{Q}f1$ d4 13. $\mathbb{Q}e4$ d3 14. $\mathbb{Q}xh7$ d2 15. $\mathbb{Q}b1$ $\mathbb{Q}xh2$ 16. $\mathbb{Q}c1$ $\mathbb{Q}xg2+$
17. $\mathbb{Q}h1$ $\mathbb{Q}d5$ 18. $\mathbb{Q}g1$ $\mathbb{Q}h2\#$ B

A/B $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}d1$, $\mathbb{Q}b1 \leftrightarrow \mathbb{Q}f1$, $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}g1$, $\mathbb{Q}e1 \leftrightarrow \mathbb{Q}h1$

White turns his 1st rank inside out while losing all 8 pawns; switchbacks by both black \mathbb{Q} s along the 2nd rank

PG 18.0 (8+13)

H045



A 1.c4 $\mathbb{Q}f6$ 2.c5 $\mathbb{Q}d5$ 3.c6 $\mathbb{Q}b6$ 4.cxb7 $\mathbb{Q}xb7$ 5.f3 $\mathbb{Q}xf3$ 6.h4 $\mathbb{Q}c6$ 7.h5
 $\mathbb{Q}c8$ 8.h6 $\mathbb{Q}a8$ 9.hxg7 $\mathbb{Q}xg7$ 10. $\mathbb{Q}xh7$ 0-0 11. $\mathbb{Q}h3$ $\mathbb{Q}h8$ B 12. $\mathbb{Q}xf7$ $\mathbb{Q}h5$
13. $\mathbb{Q}f2$ $\mathbb{Q}f3$ 14. $\mathbb{Q}b3+$ $\mathbb{Q}xb3$ 15. $\mathbb{Q}g5$ $\mathbb{Q}bb8$ 16.b3 $\mathbb{Q}f8$ 17. $\mathbb{Q}b2$ $\mathbb{Q}e8$
18. $\mathbb{Q}f7$ $\mathbb{Q}d8$ C

A/B $\mathbb{Q}f8 \leftrightarrow \mathbb{Q}h8$

A/C $\mathbb{Q}a8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}e8 \rightarrow \mathbb{Q}g8 \rightarrow \mathbb{Q}a8$ (cyclic), $\mathbb{Q}b8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}f8$
 $\rightarrow \mathbb{Q}h8 \rightarrow \mathbb{Q}b8$ (cyclic)

Cyclic shift of all black pieces two squares to the right

PG 18.0 (12+12)

H046

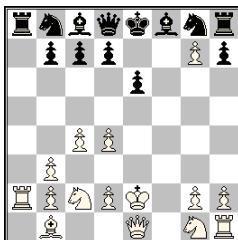


A 1.h4 ♜c6 2.h5 ♜e5 3.h6 ♜g6 4.hxg7 h5 5.a4 ♜h6 6.a5 ♜h8 7.a6 ♜b6 8.axb7 ♜xb2 9.bxc8 ♜bb8 10.♗d6+ exd6 11.♗b2 ♜h4 12.♗c1 ♜d8 13.♗f6 ♜c8 14.♗d8 ♜e7 15.♗d1 ♜f6 16.f3 ♜f2 17.g3 ♜e7 18.♗g2 ♜e1+ **B**

A/B ♜e1 → ♜d1 → ♜c1 → ♜d8 → ♜e1 (cyclic), ♜h8 ↔ ♜b8

PG 18.0 (14+13)

H047



A 1.f4 a5 2.f5 a4 3.f6 a3 4.fxg7 f5 5.e3 f4 6.♗d3 f3 7.♕e2 **B** f2+ 8.♗d1 f1 ♜+ 9.♗e1 **C** ♜f7 10.♗e2 **D** ♜b3 11.axb3 a2 12.♗a3 e6 13.♗b1 a1 ♜e 14.c4 ♜a2 **F** 15.♗a1 ♜b1 **G** 16.♗a2 **H** ♜xc1 17.♗b1 ♜c3 18.♗c2 ♜d4 19.exd4

A/C ♜d1 ↔ ♜e1

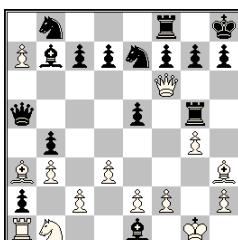
B/D ♜e1 ↔ ♜e2

E/G ♜b1 ↔ ♜a1

F/H ♜b1 ↔ ♜a2

PG 18.5 (15+13) Ceriani-Frolkin (B $\ddot{\text{m}}$ B $\ddot{\text{m}}$)

H048



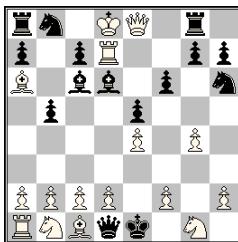
A 1.d3 a5 2.♗d2 a4 3.♗b3 axb3 4.a4 ♜a5 5.♗a2 bxa2 6.b3 ♜g5 7.♗a3 b5 8.♗a1 ♜b7 9.♗f6 e5 10.♗f3 ♜b4+ 11.♗d2 ♜e7 12.g4 ♜c5 13.♗h3 ♜e7 14.0-0-0-0 15.♗a1 ♜h8 16.♗b1 ♜e1 17.a5 b4 18.a6 ♜a5 19.a7 **B**

A/B ♜a2 ↔ ♜a7

Two impostors ($\ddot{\text{m}}\text{a}1$ and $\ddot{\text{m}}\text{b}1$)

PG 18.5 (14+16)

H049

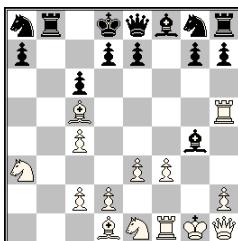


A 1.e4 e5 2. \mathbb{Q} a6 \mathbb{Q} e7 3. \mathbb{Q} e2 \mathbb{Q} f6 4. \mathbb{Q} d3 \mathbb{Q} g5 5. \mathbb{Q} h5 \mathbb{Q} f4 6.g4 \mathbb{Q} f6 7. \mathbb{Q} h3 \mathbb{Q} f3 8. \mathbb{Q} c4 \mathbb{Q} e2 9. \mathbb{Q} g1 \mathbb{Q} f3 10. \mathbb{Q} g3 \mathbb{Q} e1 11. \mathbb{Q} g1 \mathbb{Q} d1 12. \mathbb{Q} d3 f6 13. \mathbb{Q} xd7 b5 14. \mathbb{Q} d5 \mathbb{Q} b7 15. \mathbb{Q} e6 \mathbb{Q} c6 16. \mathbb{Q} f7 \mathbb{Q} h6 17. \mathbb{Q} e8 \mathbb{Q} g8 18. \mathbb{Q} d8 \mathbb{Q} d6 19. \mathbb{Q} e8 **B**

A/B \mathbb{Q} e1 → \mathbb{Q} d8 → \mathbb{Q} d1 → \mathbb{Q} e8 → \mathbb{Q} e1(cyclic)

PG 18.5 (16+15)

H050



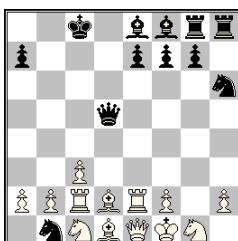
A 1.e3 f5 2. \mathbb{Q} f3 f4 3. \mathbb{Q} xb7 f3 4. \mathbb{Q} e2 fxg2 5. \mathbb{Q} f3 g1 \mathbb{Q} 6. \mathbb{Q} d1 \mathbb{Q} e2 7.a4 \mathbb{Q} c3 8.0-0 \mathbb{Q} a6 9. \mathbb{Q} e1 \mathbb{Q} b8 10. \mathbb{Q} h1 c6 11.a5 \mathbb{Q} xa5 12.bxc3 \mathbb{Q} h5 13. \mathbb{Q} a5 \mathbb{Q} d8 14. \mathbb{Q} a3 \mathbb{Q} e8 15. \mathbb{Q} h5 \mathbb{Q} c7 16. \mathbb{Q} c5 \mathbb{Q} a6 17. \mathbb{Q} a3 \mathbb{Q} e2 18.c4 \mathbb{Q} g4 19.f3 \mathbb{Q} a8 **B**

A/B \mathbb{Q} d1 → \mathbb{Q} h1 → \mathbb{Q} f1 → \mathbb{Q} d1 (cyclic), \mathbb{Q} e1 ↔ \mathbb{Q} g1, \mathbb{Q} d8 ↔ \mathbb{Q} e8, \mathbb{Q} a8 ↔ \mathbb{Q} b8

Ceriani-Frolkin (\mathbb{Q} B)

PG 19.0 (14+14)

H051



A 1.d4 h5 2.d5 h4 3.d6 h3 4.dxc7 hxg2 5.cxb8 \mathbb{Q} gxh1 \mathbb{Q} 6. \mathbb{Q} xb7 \mathbb{Q} g3 7. \mathbb{Q} xd7 \mathbb{Q} xe2 8. \mathbb{Q} d2 **B** \mathbb{Q} c3 9. \mathbb{Q} e2 \mathbb{Q} d5 10. \mathbb{Q} f1 \mathbb{Q} d7 11. \mathbb{Q} e1 0-0-0 12. \mathbb{Q} d1 \mathbb{Q} e8 13. \mathbb{Q} e2 \mathbb{Q} d6 14. \mathbb{Q} d2 \mathbb{Q} dh6 **C** 15. \mathbb{Q} b3 \mathbb{Q} 6h7 16. \mathbb{Q} d2 \mathbb{Q} h6 17. \mathbb{Q} c1 \mathbb{Q} b1 18.c3 \mathbb{Q} g8 19. \mathbb{Q} c2 \mathbb{Q} 7h8 20. \mathbb{Q} c1 **D**

A/D \mathbb{Q} e1 → \mathbb{Q} f1 → \mathbb{Q} d1 → \mathbb{Q} e1 (cyclic), \mathbb{Q} e8 ↔ \mathbb{Q} c8

B/D \mathbb{Q} b1 → \mathbb{Q} c1 → \mathbb{Q} d2 → \mathbb{Q} e2 → \mathbb{Q} b1 (cyclic)

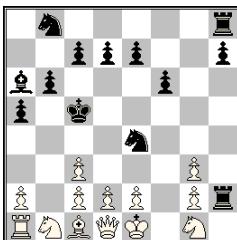
C/D \mathbb{Q} h8 → \mathbb{Q} g8 → \mathbb{Q} h6 → \mathbb{Q} h8 (cyclic), \mathbb{Q} c1 ↔ \mathbb{Q} d2

Phoenix

Rundlauf with promotion

PG 19.5 (13+12)

H052



A 1.f4 ♜f6 2.f5 ♜e4 3.f6 a5 4.fxg7 ♜xg7 5.♘f3 ♜c3 6.bxc3 ♜a6 7.♗a3 ♜f6 8.♕c1 b6 9.♔d1 ♜a6 10.♗e1 ♜xf1 11.♗c5 ♜xh1 12.♗g1 **B** f6 13.♘f3 ♜f7 14.♔e1 ♜g8 15.♗d1 ♜g3+ 16.hxg3 ♜h2 17.♗c5 ♜e6 18.♗a3 ♜d5 19.♔c1 ♜c5 20.♗g1 **C**

A/B ♜e1 → ♜d1 → ♜c1 → ♜g1 → ♜e1 (cyclic)

B/C ♜d1 → ♜e1 → ♜g1 → ♜c1 → ♜d1 (cyclic, switchback)

PG 19.5 (13+13)

H053

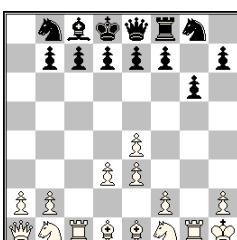


A 1.g4 ♜f6 2.♗g2 ♜g8 3.♗xb7 ♜d5 4.♗c6 dxc6 5.g5 ♜d7 6.g6 ♜c8 7.gxh7 ♜d8 8.h8 ♜e8 9.♗xg7 ♜d7 10.♗d4 ♜g7 11.♗xa7 ♜f8 12.♗e3 ♜a5 13.d4 ♜xd4 14.♗d2 ♜a7 15.♗d3 ♜b6 16.♗d4 ♜h5 17.♗d3 ♜h8 18.♗h6 ♜b8 19.♗cg5 ♜a8 20.f4 **B**

A/B ♜a8 → ♜h8 → ♜g8 → ♜a8 (cyclic), ♜c8 → ♜e8 → ♜d8 → ♜c8 (cyclic), ♜b8 ↔ ♜f8

PG 19.5 (14+12)

H054



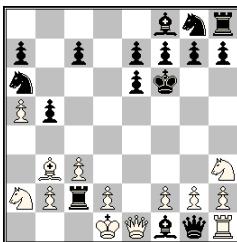
A 1.e4 a5 2.♗e2 ♜a6 3.♗ec3 ♜g6 4.♗e2 ♜f6 5.0-0 ♜xg2+ 6.♔h1 ♜g3 7.♗g1 ♜d3 8.cxd3 g6 9.♕c2 ♜h6 10.♗d1 ♜e3 11.dxe3 ♜f8 12.♗d2 ♜g7 13.♗f1 ♜g8 14.♗d2 ♜f8 15.♗c1 ♜e8 16.♗b1 ♜d8 17.♗a1 ♜e8 18.♗b1 ♜f8 19.♗xa5 ♜g8 20.♗e1 **B**

A/B ♜e8 ↔ ♜d8, ♜e1 → ♜h1 → ♜g1 → ♜b1 → ♜f1 → ♜d1 → ♜a1 → ♜c1 → ♜e1 (cyclic)

Impostor knight at b1

PG 19.5 (15+13)

H055

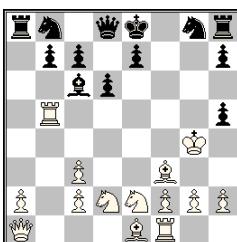


A 1.e4 b6 2.e5 ♜a6 3.e6 dxe6 4.♘c4 ♛d3 5.♗e2 ♛d7 6.♔d1 ♛d6
B 7.♕e1 ♛f1 8.♗h3 ♗g1 9.♗b3 ♗f1 10.♗e2 ♗a6 11.♔e1 ♗d8
C 12.♗d1 13.a4 ♘d4 14.a5 ♘a4 15.♗c3 ♘xa1 16.♗a2 ♘xc1
D 17.c3 ♘c2 18.♗e2+ ♔f6 19.♔d1 b5 20.♗e1 **D**

A/B/C/D ♔e1 ↔ ♛d1 (3 times)

PG 19.5 (13+16)

H056



A 1.e4 d6 2.e5 ♛d7 3.e6 ♜d8 4.exf7 ♛e8 **B** 5.fxe8 ♜a5 6.♗h5 g6
 7.♔e2 ♜g7 8.♔f3 ♜c3 9.dxc3 a4 10.♗d2 a3 11.♗e1 axb2 12.♗d2
 b1 ♛ 13.♗e2 ♛b5 14.♗b1 ♛e8 **C** 15.♗b5 ♜d7 16.♔a1 ♜c6+ 17.♔g4
 ♜d7 18.♗f3 ♛d8 19.♗e2 ♛e8 **D** 20.♗f1 gxh5+

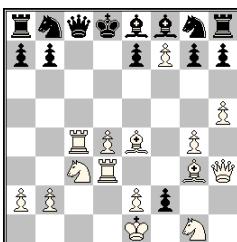
A/B ♜e8 ↔ ♛d8 (original)

C/D ♜d8 ↔ ♛e8 (promoted)

Moving counterclockwise in the d8-d7-e8 triangle, the black king exchanges places first with the original black queen and then with a promoted one. In the diagram position nothing hints at the previous black king-and-queen 'waltzing'

PG 20.0 (14+13)

H057



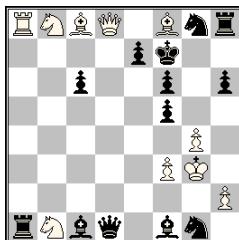
A 1.h4 c5 2.h5 c4 3.♗h4 c3 4.♗c4 d5 5.g4 d4 6.♗g2 d3 7.♗e4 dxcc2 8.d4
 f5 9.♗d3 f4 10.♗h3 f3 11.♗f4 c1 ♗ 12.♗g3 c2 13.♗c3 ♗f4 14.♗d1
 c1 ♗ 15.♗d3 ♗ce3 16.fxe3 ♗d7 17.exf4 ♛c8 18.f5 ♛d8 19.f6 ♗e8
 20.f7 f2+ **B**

A/B ♗f2 ↔ ♗f7, ♗e8 → ♛d8 → ♗c8 → ♗e8 (cyclic)

Two Ceriani-Frolkin with promotions on the same square

PG 20.0 (15+14)

H058

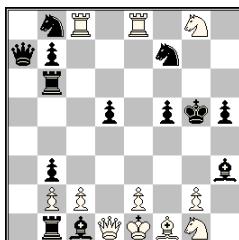


A 1. $\mathbb{Q}f3$ $\mathbb{Q}c6$ 2. $\mathbb{Q}e5$ $\mathbb{Q}d4$ 3. $\mathbb{Q}xd7$ $\mathbb{Q}xe2$ 4. $\mathbb{Q}b8$ $\mathbb{Q}h3$ 5. $g4f5$ 6. $\mathbb{Q}g2$ $\mathbb{Q}f7$ 7. $\mathbb{Q}xb7$ $c6$ 8. $f3$ $\mathbb{Q}xd2+$ 9. $\mathbb{Q}f2$ $\mathbb{Q}xc2$ 10. $\mathbb{Q}d8$ $\mathbb{Q}d1$ 11. $\mathbb{Q}e1$ $\mathbb{Q}g1$ 12. $\mathbb{Q}e6$ $\mathbb{Q}f1$ 13. $\mathbb{Q}f6+$ $gxsf6$ 14. $\mathbb{Q}e3$ $\mathbb{Q}h6$ 15. $\mathbb{Q}xa7$ $\mathbb{Q}c1$ 16. $\mathbb{Q}e3$ $\mathbb{Q}xa2$ 17. $\mathbb{Q}g3$ $\mathbb{Q}xb2$ 18. $\mathbb{Q}a8$ $\mathbb{Q}a2$ 19. $\mathbb{Q}h6$ $\mathbb{Q}a1$ 20. $\mathbb{Q}f8$ $h6$ 21. $\mathbb{Q}c8$ **B**

A/B $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}a8$, $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}f8$, $\mathbb{Q}d1 \leftrightarrow \mathbb{Q}d8$, $\mathbb{Q}f1 \leftrightarrow \mathbb{Q}b8$, $\mathbb{Q}g1 \leftrightarrow \mathbb{Q}b8$ (exchange of places between five similar types of white and black officers)

PG 20.5 (10+13)

H059



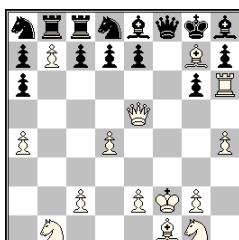
1. $h4a5$ 2. $\mathbb{Q}h3$ $a4$ 3. $\mathbb{Q}b3$ $axb3$ 4. $d4$ $\mathbb{Q}xa2$ 5. $d5$ $\mathbb{Q}xa1$ 6. $d6$ $\mathbb{Q}xb1$ 7. $dxc7$ $d5$ 8. $h5$ $\mathbb{Q}h3$ 9. $c8\mathbb{Q}$ 10. $b6$ 11. $hxg7$ $h5$ 12. $f4$ $\mathbb{Q}h6$ 13. $f5$ $\mathbb{Q}b6$ 14. $f6$ $\mathbb{Q}h6$ 15. $fxe7$ $f5$ 16. $g8\mathbb{Q}$ 17. $e8\mathbb{Q}$ **A** $\mathbb{Q}f6$ 18. $\mathbb{Q}e7$ $\mathbb{Q}f7$ 19. $\mathbb{Q}c8$ 20. $\mathbb{Q}ge8$ $\mathbb{Q}xc1$ 21. $\mathbb{Q}g8+$ **B** $\mathbb{Q}g5$

A/B $\mathbb{Q}g8 \rightarrow \mathbb{Q}e8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}g8$ (cyclic, promoted pieces)

Phoenix, Echo-Excelsior's, White homebase for unthematic pieces

PG 21.0 (11+13)

H060



A 1. $h4$ $\mathbb{Q}f6$ 2. $\mathbb{Q}h3$ $\mathbb{Q}d5$ 3. $\mathbb{Q}a3$ $\mathbb{Q}b6$ 4. $\mathbb{Q}a6$ $bx a6$ 5. $a4$ $\mathbb{Q}b7$ 6. $\mathbb{Q}a3$ $\mathbb{Q}d5$ 7. $\mathbb{Q}f3$ $\mathbb{Q}c6$ 8. $\mathbb{Q}xf7$ $\mathbb{Q}c8$ 9. $\mathbb{Q}f6$ $\mathbb{Q}a8$ 10. $\mathbb{Q}h6$ $g6$ 11. $b4$ $\mathbb{Q}g7$ 12. $\mathbb{Q}b2$ 0-0 13. $\mathbb{Q}c1$ $\mathbb{Q}h8$ 14. $\mathbb{Q}g7$ $\mathbb{Q}xf2$ 15. $d4$ $\mathbb{Q}f5$ 16. $\mathbb{Q}f4$ $\mathbb{Q}f7$ 17. $\mathbb{Q}f2$ $\mathbb{Q}b5$ 18. $\mathbb{Q}e5$ $\mathbb{Q}b8$ 19. $b5$ $\mathbb{Q}f8$ 20. $b6$ $\mathbb{Q}d8$ 21. $b7$ $\mathbb{Q}e8+$ **B**

A/B $\mathbb{Q}a8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}e8 \rightarrow \mathbb{Q}g8 \rightarrow \mathbb{Q}a8$ (cyclic), $\mathbb{Q}b8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}f8 \rightarrow \mathbb{Q}h8 \rightarrow \mathbb{Q}b8$ (cyclic)

Cyclic shift of all black pieces two squares to the right
Only one black piece is captured

PG 21.0 (14+15)

H061



A 1.e3 c5 2. \mathbb{Q} h5 c4 3. \mathbb{Q} f3 c3 4. \mathbb{Q} g1 cxb2 5. \mathbb{Q} c3 b1 \mathbb{Q} 6. \mathbb{Q} b2 \mathbb{Q} xa2 7.0-0-0 \mathbb{Q} c4 8. \mathbb{Q} a1 \mathbb{Q} d3 9.cxd3 g5 10.d4 g4 11. \mathbb{Q} d3 g3 12. \mathbb{Q} b1 gxf2 13.g4 f1 \mathbb{Q} 14.g5 \mathbb{Q} xh2 15. \mathbb{Q} df1 h6 16. \mathbb{Q} e1 \mathbb{Q} f3 17. \mathbb{Q} h1 h5 18. \mathbb{Q} d1 \mathbb{Q} h6 19.gxh6 \mathbb{Q} h7 20. \mathbb{Q} g8 \mathbb{Q} g7 21. \mathbb{Q} h8 \mathbb{Q} g1 **C**

A/B \mathbb{Q} e1 → \mathbb{Q} c1 → \mathbb{Q} a1 → \mathbb{Q} f1 → \mathbb{Q} b1 → \mathbb{Q} d1 → \mathbb{Q} h1 → \mathbb{Q} g1 → \mathbb{Q} e1 (cyclic)

A/C \mathbb{Q} e1 → \mathbb{Q} c1 → \mathbb{Q} a1 → \mathbb{Q} f1 → \mathbb{Q} b1 → \mathbb{Q} d1 → \mathbb{Q} h1 → \mathbb{Q} h8 → \mathbb{Q} g1 → \mathbb{Q} e1 (cyclic)

B/C \mathbb{Q} g1 ↔ \mathbb{Q} h8

PG 21.0 (12+14)

8-fold cyclic exchange extended by an additional exchange to a 9-fold cycle

White back rank permutation with pieces lexicographically sorted by their English names

Ceriani-Frolkin (5...b1 \mathbb{Q} , 9.cxd3)

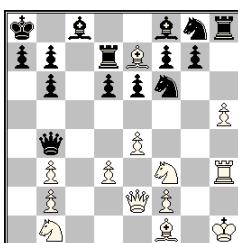
Anticipated Phoenix (13...f1 \mathbb{Q} , 19.gx \mathbb{Q} h6)

Tempo move (15...h6)

2/3 Valladao, where the e.p. capture is impossible because of a previous tempo move, with a similar capture later

Long castling

H062



1.c4 d6 2.c5 \mathbb{Q} e6 3.c6 \mathbb{Q} b3 4.axb3 h5 5. \mathbb{Q} a6 h4 6. \mathbb{Q} b6 cxb6 7.c7 h3 8.c8 \mathbb{Q} hxg2 9.h4 gxg1 \mathbb{Q} **A** 10. \mathbb{Q} h3 e6 11.h5 \mathbb{Q} h4 12. \mathbb{Q} f3 \mathbb{Q} b4 13.e4 \mathbb{Q} b5 14. \mathbb{Q} e2 \mathbb{Q} d7 15. \mathbb{Q} f1 **B** 0-0-0 16.d3 \mathbb{Q} b8 17. \mathbb{Q} g5 \mathbb{Q} a8 18. \mathbb{Q} e7 \mathbb{Q} df6 19. \mathbb{Q} g1 \mathbb{Q} d7 20. \mathbb{Q} f1 \mathbb{Q} c8 **C** 21. \mathbb{Q} h3 \mathbb{Q} d7 22. \mathbb{Q} h1 **D**

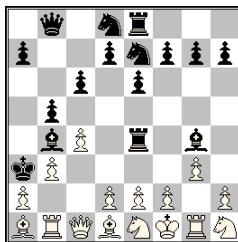
A/C \mathbb{Q} c8 ↔ \mathbb{Q} f1

B/D \mathbb{Q} h3 → \mathbb{Q} f1 → \mathbb{Q} h1 → \mathbb{Q} h3 (cyclic)

Exchange between two promoted bishops with 2x Pronkin
Additional white 3-fold cycle

PG 21.5 (13+15)

H063



A 1. $\mathbb{Q}c3$ b5 2. $\mathbb{Q}e4$ $\mathbb{Q}b7$ 3. $\mathbb{Q}g3$ $\mathbb{Q}f3$ 4. $\mathbb{Q}b1$ $\mathbb{Q}g4$ **B** 5. $\mathbb{Q}f3$ $\mathbb{Q}c6$ 6. $\mathbb{Q}g1$ $\mathbb{Q}b8$ 7. $\mathbb{Q}h1$ $\mathbb{Q}b6$ 8. g3 $\mathbb{Q}b8$ 9. $\mathbb{Q}g2$ $\mathbb{Q}d8$ 10. $\mathbb{Q}f1$ $\mathbb{Q}e1$ 11. $\mathbb{Q}e1$ **C** c6 12. $\mathbb{Q}d5$ $\mathbb{Q}e4$ 13. $\mathbb{Q}b3$ e6 14. c4 $\mathbb{Q}e7$ 15. $\mathbb{Q}c2$ $\mathbb{Q}d6$ 16. b3 $\mathbb{Q}c5$ 17. $\mathbb{Q}b2$ $\mathbb{Q}b4$ 18. $\mathbb{Q}a1$ $\mathbb{Q}a3$ 19. $\mathbb{Q}b2$ $\mathbb{Q}b4$ 20. $\mathbb{Q}c1$ $\mathbb{Q}e7$ 21. $\mathbb{Q}d1$ $\mathbb{Q}e8$ 22. $\mathbb{Q}b1+$ **D**

B/C $\mathbb{Q}d8 \leftrightarrow \mathbb{Q}b8$, $\mathbb{Q}e1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}g2 \rightarrow \mathbb{Q}g3 \rightarrow \mathbb{Q}h1 \rightarrow \mathbb{Q}g1 \rightarrow \mathbb{Q}e1$ (come-and-go, cyclic)

A/D $\mathbb{Q}e1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}d1 \rightarrow \mathbb{Q}c1 \rightarrow \mathbb{Q}a1 \rightarrow \mathbb{Q}b1 \rightarrow \mathbb{Q}h1 \rightarrow \mathbb{Q}g1 \rightarrow \mathbb{Q}e1$ (cyclic)

PG 21.5

(16+16)

Unbroken permutation of 8 white pieces in first rank

Come-and-go permutation of 6 white pieces

Exchange of $\mathbb{B}\mathbb{Q}$ and $\mathbb{B}\mathbb{Q}$

H064



A 1. f4 a5 2. f5 a4 3. f6 a3 4. fxg7 $\mathbb{Q}f6$ 5. g8 $\mathbb{Q}axb2$ 6. $\mathbb{Q}g4$ bxc1 \mathbb{Q} 7. $\mathbb{Q}e6$ dxе6 8. h4 $\mathbb{Q}d7$ 9. $\mathbb{Q}h3$ $\mathbb{Q}a4$ 10. $\mathbb{Q}d3$ $\mathbb{Q}d7$ 11. $\mathbb{Q}d6$ $\mathbb{Q}d3+$ 12. exd3 $\mathbb{Q}d8$ 13. $\mathbb{Q}g4$ $\mathbb{Q}e8$ 14. $\mathbb{Q}g8$ $\mathbb{Q}g7$ 15. g4 $\mathbb{Q}b2$ 16. c3 $\mathbb{Q}d1$ 17. a4 h5 18. $\mathbb{Q}a3$ hxg4 19. $\mathbb{Q}b3$ g3 20. $\mathbb{Q}a3$ g2 21. $\mathbb{Q}f2$ $\mathbb{Q}c8$ 22. $\mathbb{Q}g3$ $\mathbb{Q}c6$ **B**

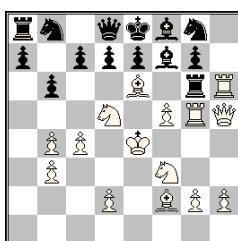
A/B $\mathbb{Q}d1 \rightarrow \mathbb{Q}g8 \rightarrow \mathbb{Q}e8 \rightarrow \mathbb{Q}c8 \rightarrow \mathbb{Q}d1$ (cyclic)

Anti-Pronkin (W \mathbb{Q})
Ceriani-Frolkin (B \mathbb{Q})

PG 22.0

(12+14)

H065



1. b4 f5 2. $\mathbb{Q}b2$ f4 3. $\mathbb{Q}d4$ f3 4. $\mathbb{Q}c3$ fxe2 5. f4 h5 6. $\mathbb{Q}f2$ e1 \mathbb{Q} 7. $\mathbb{Q}c4$ $\mathbb{Q}h6$ 8. $\mathbb{Q}xh5$ $\mathbb{Q}g6$ 9. $\mathbb{Q}f3$ $\mathbb{Q}b1$ 10. $\mathbb{Q}e1$ $\mathbb{Q}b3$ 11. axb3 b6 12. $\mathbb{Q}a5$ $\mathbb{Q}b7$ 13. $\mathbb{Q}g5$ $\mathbb{Q}d5$ 14. f5 $\mathbb{Q}f7$ **A** 15. $\mathbb{Q}e6$ $\mathbb{Q}f6$ 16. $\mathbb{Q}e3$ $\mathbb{Q}g6$ 17. $\mathbb{Q}e4$ $\mathbb{Q}f7$ **B** 18. $\mathbb{Q}f2$ $\mathbb{Q}h7$ 19. $\mathbb{Q}h6$ $\mathbb{Q}g6$ 20. $\mathbb{Q}e6$ $\mathbb{Q}f6$ 21. $\mathbb{Q}d5$ $\mathbb{Q}f7$ 22. c4 $\mathbb{Q}g6$ **C**

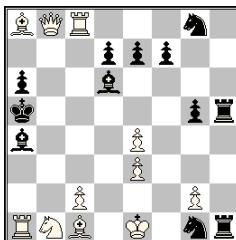
A/B/C $\mathbb{Q}f7 \leftrightarrow \mathbb{Q}g6$ (double exchange)

Come-and-go Platzwechsel (Lois Theme) by $\mathbb{B}\mathbb{Q}$ & $\mathbb{B}\mathbb{Q}$ on the pinning line. The feature is shown by a continuous eight moves sequence that closes the game. Probably the first mono-color rendition on squares other than home-squares
 $\mathbb{B}\mathbb{Q}$ Ceriani-Frolkin

PG 22.0

(15+14)

H066



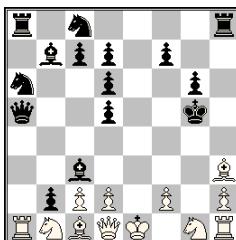
1.e4 h5 2. $\mathbb{Q}g4$ hxg4 3.b4 g3 4.b5 gxh2 5.b6 hxg1 \mathbb{Q} 6.bxa7 $\mathbb{Q}xh1$
7.axb8 \mathbb{Q} $\mathbb{Q}a5$ 8.a4 $\mathbb{Q}ah5$ 9.a5 g5 10.a6 $\mathbb{Q}g7$ 11.a7 $\mathbb{Q}e5$ 12. $\mathbb{Q}a6$ bxa6
13.d4 $\mathbb{Q}b7$ 14.d5 $\mathbb{Q}c6$ 15.d6 $\mathbb{Q}a4$ 16.dxc7 $\mathbb{Q}d6$ 17.c8 $\mathbb{Q}b6$ 18.a8 \mathbb{Q} A
 $\mathbb{Q}e3+$ 19.fxe3 $\mathbb{Q}d8$ 20. $\mathbb{Q}b7+$ $\mathbb{Q}c7$ 21. $\mathbb{Q}c8+$ $\mathbb{Q}b6$ 22. $\mathbb{Q}b8$ $\mathbb{Q}a5$ 23. $\mathbb{Q}a8$

B

A/B $\mathbb{Q}c8 \rightarrow \mathbb{Q}a8 \rightarrow \mathbb{Q}b8 \rightarrow \mathbb{Q}c8$ (cyclic, promoted pieces)
Phoenix, AUW

PG 22.5 (11+12)

H067



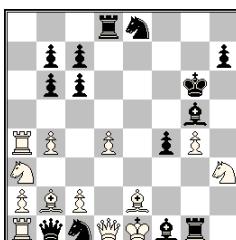
A 1.g4 a5 2.g5 a4 3.g6 a3 4.gxh7 axb2 5.a4 $\mathbb{Q}a6$ 6.a5 $\mathbb{Q}h6$ 7.a6 g6 8.a7
 $\mathbb{Q}g7$ 9.a8 $\mathbb{Q}c3$ 10. $\mathbb{Q}a3$ $\mathbb{Q}a6$ 11. $\mathbb{Q}d6$ exd6 12.e4 $\mathbb{Q}g5$ 13.e5 $\mathbb{Q}e7$
14.e6 $\mathbb{Q}f6$ 15.e7 $\mathbb{Q}a5$ 16.e8 $\mathbb{Q}g5$ 17. $\mathbb{Q}e4$ $\mathbb{Q}e7$ 18. $\mathbb{Q}c6$ bxc6 19. $\mathbb{Q}g2$
 $\mathbb{Q}b7$ 20. $\mathbb{Q}h3$ $\mathbb{Q}a8$ 21.h8 \mathbb{Q} $\mathbb{Q}c8$ 22. $\mathbb{Q}d4$ $\mathbb{Q}h8$ 23. $\mathbb{Q}d5+$ cxd5 B

A/B $\mathbb{Q}a8 \leftrightarrow \mathbb{Q}h8$

Ceriani-Frolkin ($\mathbb{Q}\mathbb{Q}\mathbb{Q}$)

PG 23.0 (12+15)

H068



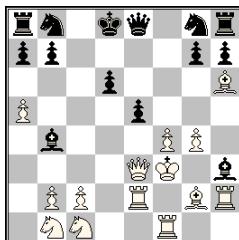
1.f4 $\mathbb{Q}c6$ 2.f5 $\mathbb{Q}d4$ 3.f6 $\mathbb{Q}xe2$ 4.fxe7 f5 5.h4 $\mathbb{Q}f7$ 6.e8 \mathbb{Q} $\mathbb{Q}e7$ 7.h5 $\mathbb{Q}g5$
8. $\mathbb{Q}e6$ $\mathbb{Q}f6$ 9. $\mathbb{Q}b6$ axb6 10. $\mathbb{Q}h4$ $\mathbb{Q}a3$ 11. $\mathbb{Q}a4$ f4 12.b4 $\mathbb{Q}b2$ 13.h6 $\mathbb{Q}f6$
14.hxg7 $\mathbb{Q}d8$ 15.g8 $\mathbb{Q}+$ $\mathbb{Q}g6$ 16. $\mathbb{Q}d5$ $\mathbb{Q}e8$ 17. $\mathbb{Q}c6$ dxc6 18.d4 $\mathbb{Q}h3$
19.g4 A $\mathbb{Q}g3$ 20. $\mathbb{Q}a3$ $\mathbb{Q}b1$ 21. $\mathbb{Q}b2$ $\mathbb{Q}c1$ 22. $\mathbb{Q}e2$ $\mathbb{Q}f1$ 23. $\mathbb{Q}h3$ $\mathbb{Q}g1$ B

A/B $\mathbb{Q}a3 \rightarrow \mathbb{Q}g1 \rightarrow \mathbb{Q}h3 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}e2 \rightarrow \mathbb{Q}c1 \rightarrow \mathbb{Q}b2 \rightarrow \mathbb{Q}b1 \rightarrow$
 $\mathbb{Q}a3$ (cyclic, eight pieces in consecutive moves)

Combined with double Ceriani-Frolkin theme

PG 23.0 (13+14)

H069



A 1.a4 f5 2.a5 f4 3. \mathbb{Q} a4 f3 4. \mathbb{Q} e4 fxe2 5.f4 e5 6.f5 \mathbb{Q} b4 7.f6 d6 8.f7+ \mathbb{Q} e7 9.f8 \mathbb{Q} h3 10.g4 c5 11. \mathbb{Q} g2 c4 12. \mathbb{Q} f1 c3 13. \mathbb{Q} f2 e1 \mathbb{Q} 14. \mathbb{Q} f3 cxd2 15. \mathbb{Q} e2 d1 \mathbb{Q} B 16. \mathbb{Q} h6 \mathbb{Q} e8 17. \mathbb{Q} c1 \mathbb{Q} d2+ 18. \mathbb{Q} e2 \mathbb{Q} d1 19. \mathbb{Q} e3 \mathbb{Q} e1+ **C** 20. \mathbb{Q} f3 \mathbb{Q} g3+ 21.hxg3 \mathbb{Q} d4 22. \mathbb{Q} h2 \mathbb{Q} f4+ 23.gxf4 \mathbb{Q} d8 **D**

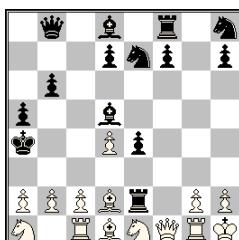
A/D \mathbb{Q} e8 \leftrightarrow \mathbb{Q} d8

B/C \mathbb{Q} d1 \leftrightarrow \mathbb{Q} e1

Hidden theme implementation: black pawns promote to Rook on e1 and to Queen on d1, then these promoted pieces exchange their places before they are captured (Ceriani-Frolkin). Exchange of places by two Ceriani-Frolkin pieces has never been shown in a proofgame before. Impostor pawn on f4 (from h2!) captures both thematic Ceriani-Frolkin pieces. Capture of a Ceriani-Frolkin piece (**B**) on a square visited by the pawn that later promoted to that piece

PG 23.0 (14+14)

H070



A 1.e4 a5 2.e5 \mathbb{Q} a6 3.e6 \mathbb{Q} xe6 4. \mathbb{Q} e2 b6 5. \mathbb{Q} f3 \mathbb{Q} b7 6.0-0 \mathbb{Q} d5 7. \mathbb{Q} h1 \mathbb{Q} c6 8. \mathbb{Q} g1 \mathbb{Q} b8 9. \mathbb{Q} f1 \mathbb{Q} d8 10. \mathbb{Q} d1 **B** \mathbb{Q} e2 11. \mathbb{Q} e1 **C** e5 12.f4 \mathbb{Q} e7 **D** 13.f5 \mathbb{Q} g6 14.f6 \mathbb{Q} e7 **E** 15.fgx7 \mathbb{Q} f8 16.g8 \mathbb{Q} h8 **F** 17. \mathbb{Q} g3 e4 18. \mathbb{Q} xc7 \mathbb{Q} xc7 19.d4 \mathbb{Q} d8 20. \mathbb{Q} d2 **G** \mathbb{Q} e7 21. \mathbb{Q} b3 \mathbb{Q} c6 **H** 22. \mathbb{Q} d2 \mathbb{Q} b5 23. \mathbb{Q} c1 \mathbb{Q} a4 24. \mathbb{Q} a1 **I**

A/B \mathbb{Q} d1 \leftrightarrow \mathbb{Q} f1

A/C \mathbb{Q} e1 \rightarrow \mathbb{Q} g1 \rightarrow \mathbb{Q} h1 \rightarrow \mathbb{Q} e1 (cyclic)

D/F \mathbb{Q} e7 \rightarrow \mathbb{Q} f8 \rightarrow \mathbb{Q} h8 \rightarrow \mathbb{Q} e7 (cyclic)

E/H \mathbb{Q} e7 \rightarrow \mathbb{Q} d8 \rightarrow \mathbb{Q} c6 \rightarrow \mathbb{Q} e7 (cyclic)

G/I \mathbb{Q} d2 \rightarrow \mathbb{Q} c1 \rightarrow \mathbb{Q} a1 \rightarrow \mathbb{Q} d2 (cyclic)

PG 23.5 (14+14)

Four times cyclic exchange, one direct exchange
Exchange all white aristocrat pieces, Ceriani-Frolkin (\mathbb{W}), castling,
promotion, moving all aristocrat pieces

H071



A 1. \mathbb{Q} f3 b5 2. \mathbb{Q} e5 b4 3. \mathbb{Q} xd7 b3 4. \mathbb{Q} c5 \mathbb{Q} d4 5. \mathbb{Q} e6 \mathbb{Q} d7 6.h4 \mathbb{Q} c6 7. \mathbb{Q} h3 \mathbb{Q} b5 8. \mathbb{Q} f3 \mathbb{Q} a4 9. \mathbb{Q} f6 gxf6 10.d3 \mathbb{Q} h6 11. \mathbb{Q} g7 \mathbb{Q} e6 12. \mathbb{Q} d2 **B** \mathbb{Q} d7 13. \mathbb{Q} d1 **C** \mathbb{Q} b8 14. \mathbb{Q} e1 **D** \mathbb{Q} d2 15. \mathbb{Q} a3 \mathbb{Q} b4 16. \mathbb{Q} h6 \mathbb{Q} c3 17.bxc3 b2 18. \mathbb{Q} d2 **E** b1 \mathbb{Q} 19. \mathbb{Q} d1 **F** \mathbb{Q} c1+ 20. \mathbb{Q} e1 **G** \mathbb{Q} f4 21. \mathbb{Q} d2 **H** \mathbb{Q} b5 22. \mathbb{Q} d1 \mathbb{Q} e5 23. \mathbb{Q} e1 **J** \mathbb{Q} e3 24. \mathbb{Q} d2 **K**

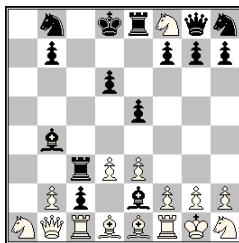
A/D/G/J \mathbb{Q} d1 \leftrightarrow \mathbb{Q} e1 (3 times)

B/E/H/K \mathbb{Q} d2 \leftrightarrow \mathbb{Q} e1 (3 times)

C/F/I \mathbb{Q} d2 \leftrightarrow \mathbb{Q} d1 (2 times)

PG 23.5 (15+14) Phoenix theme

H072



PG 24.0

(15+15)

A 1.e3 e5 2. $\mathbb{Q}e2$ **B** $\mathbb{Q}b4$ 3. $\mathbb{Q}g3$ d6 4. $\mathbb{Q}e2$ $\mathbb{Q}f5$ 5.0-0 $\mathbb{Q}xc2$ 6. $\mathbb{Q}h1$ **C**
d3 7. $\mathbb{Q}c2$ a5 8. $\mathbb{Q}d1$ $\mathbb{Q}e2$ **D** 9.d3 a4 10. $\mathbb{Q}d2$ a3 11. $\mathbb{Q}xa3$ c5 12. $\mathbb{Q}c1$ c4
13. $\mathbb{Q}b1$ c3 14. $\mathbb{Q}c2$ **E** $\mathbb{Q}a3$ 15. $\mathbb{Q}a1$ c2 16. $\mathbb{Q}e1$ $\mathbb{Q}c3$ 17.a4 $\mathbb{Q}e7$ 18.a5
 $\mathbb{Q}g6$ 19.a6 $\mathbb{Q}e7$ 20.a7 $\mathbb{Q}d8$ 21.a8 $\mathbb{Q}e8$ 22. $\mathbb{Q}b6$ $\mathbb{Q}f8$ 23. $\mathbb{Q}d7$ $\mathbb{Q}g8$
24. $\mathbb{Q}f8$ $\mathbb{Q}h8$ **F**

A/F $\mathbb{Q}g1 \rightarrow \mathbb{Q}h1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}d1 \rightarrow \mathbb{Q}b1 \rightarrow \mathbb{Q}a1 \rightarrow \mathbb{Q}c1 \rightarrow \mathbb{Q}e1 \rightarrow$
 $\mathbb{Q}g1$ (cyclic), $\mathbb{Q}g8 \rightarrow \mathbb{Q}h8 \rightarrow \mathbb{Q}e8 \rightarrow \mathbb{Q}d8 \rightarrow \mathbb{Q}g8$ (cyclic)

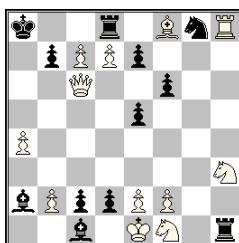
B/C $\mathbb{Q}h1 \rightarrow \mathbb{Q}f1 \rightarrow \mathbb{Q}e2 \rightarrow \mathbb{Q}h1$ (cyclic)

C/D $\mathbb{Q}e2 \rightarrow \mathbb{Q}d1 \rightarrow \mathbb{Q}c2 \rightarrow \mathbb{Q}e2$ (cyclic)

D/E $\mathbb{Q}c2 \leftrightarrow \mathbb{Q}b1$

An 8-cycle on the 1st rank + a 4-cycle on the 8th rank

H073



PG 25.0

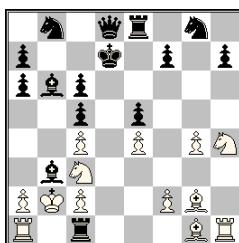
(12+12)

A 1.d4 c5 2.d5 $\mathbb{Q}c6$ 3.dxc6 d5 4.c4 d4 5. $\mathbb{Q}a4$ $\mathbb{Q}d5$ 6.cxd5 $\mathbb{Q}e6$ 7.d6 0-0-0
8.d7+ $\mathbb{Q}b8$ 9.c7+ $\mathbb{Q}a8$ 10. $\mathbb{Q}c6$ c4 11.a4 c3 12. $\mathbb{Q}a3$ c2 13. $\mathbb{Q}f3$ d3 14. $\mathbb{Q}f6$
 $\mathbb{Q}xf6$ 15. $\mathbb{Q}e3$ $\mathbb{Q}h6$ 16. $\mathbb{Q}xa7$ $\mathbb{Q}c1$ 17. $\mathbb{Q}e3$ h6 18. $\mathbb{Q}xh6$ $\mathbb{Q}a2$ 19. $\mathbb{Q}f8$
 $\mathbb{Q}xh2$ 20. $\mathbb{Q}d2$ $\mathbb{Q}xg2$ 21. $\mathbb{Q}h8$ $\mathbb{Q}h2$ 22. $\mathbb{Q}h3$ $\mathbb{Q}h1$ 23. $\mathbb{Q}e6$ fxe6 24. $\mathbb{Q}f1$
e5 25. $\mathbb{Q}h3$ d2# **B**

A/B $\mathbb{Q}c1 \leftrightarrow \mathbb{Q}f8$, $\mathbb{Q}h1 \leftrightarrow \mathbb{Q}h8$, $\mathbb{Q}c2 \rightarrow \mathbb{Q}d7 \rightarrow \mathbb{Q}d2 \rightarrow \mathbb{Q}c7 \rightarrow \mathbb{Q}c2$
(cyclic, four pawns)

All black thematic pieces participate in mating the white king

H074



PG 25.0

(13+15)

A 1.e4 $\mathbb{Q}c6$ 2. $\mathbb{Q}e2$ $\mathbb{Q}b8$ 3. $\mathbb{Q}a6$ bxa6 4. $\mathbb{Q}f3$ $\mathbb{Q}b3$ 5. $\mathbb{Q}h4$ $\mathbb{Q}c3$ 6.b4 e5
7.b5 $\mathbb{Q}c5$ 8.b6 $\mathbb{Q}ce7$ 9.b7 $\mathbb{Q}b6$ 10.b8 $\mathbb{Q}c5$ 11. $\mathbb{Q}c6$ dxc6 12.dxc3 $\mathbb{Q}e6$
13. $\mathbb{Q}f4$ $\mathbb{Q}b3$ 14.c4 $\mathbb{Q}f6$ 15. $\mathbb{Q}c3$ $\mathbb{Q}d7$ 16.0-0-0 g5 17. $\mathbb{Q}d3$ g4 18. $\mathbb{Q}h3$ g3
19. $\mathbb{Q}b2$ gxh2 20.g4 $\mathbb{Q}b8$ 21. $\mathbb{Q}g2$ $\mathbb{Q}d7$ 22. $\mathbb{Q}a1$ h1 $\mathbb{Q}c1$ 23. $\mathbb{Q}h2$ $\mathbb{Q}c1$
24. $\mathbb{Q}g1$ $\mathbb{Q}e8$ 25. $\mathbb{Q}h1$ $\mathbb{Q}g8$ **B**

A/B $\mathbb{Q}b8 \leftrightarrow \mathbb{Q}g8$, $\mathbb{Q}a1 \leftrightarrow \mathbb{Q}h1$

H075



PG 25.0 (15+15)

1.b3 h5 2. \mathbb{Q} a3 h4 3. \mathbb{Q} e7 h3 4. \mathbb{Q} a3 hxg2 5.h4 d6 6. \mathbb{Q} h3 g1 \mathbb{Q} 7.h5 \mathbb{Q} g6
 8. \mathbb{Q} g1 \mathbb{Q} gh6 9. \mathbb{Q} g6 **A** 10. \mathbb{Q} d7 **B** 11. \mathbb{Q} g2 \mathbb{Q} c8 12. \mathbb{Q} e7 13. \mathbb{Q} f1 \mathbb{Q} g8
 14. \mathbb{Q} g1 \mathbb{Q} hh8 15. \mathbb{Q} h2 \mathbb{Q} g7 16. \mathbb{Q} h1 \mathbb{Q} f8 17. \mathbb{Q} g1 \mathbb{Q} e8 **C**
 18. \mathbb{Q} f1 \mathbb{Q} d7 19. \mathbb{Q} g5 \mathbb{Q} b8 20. \mathbb{Q} a5 b5 21. \mathbb{Q} a8 c5 22.f3 c4 23. \mathbb{Q} f2 \mathbb{Q} c5
 24. \mathbb{Q} d1 \mathbb{Q} f2+ 25. \mathbb{Q} h3 \mathbb{Q} e1 **D**

B/D \mathbb{Q} d7 \rightarrow \mathbb{Q} e8 \rightarrow \mathbb{Q} f8 \rightarrow Bg7 \rightarrow \mathbb{Q} g6 \rightarrow \mathbb{Q} h6 \rightarrow \mathbb{Q} h8 \rightarrow \mathbb{Q} g8 \rightarrow
 \mathbb{Q} e7 \rightarrow \mathbb{Q} d8 \rightarrow \mathbb{Q} e1 \rightarrow \mathbb{Q} h3 \rightarrow \mathbb{Q} d1 \rightarrow \mathbb{Q} a8 \rightarrow \mathbb{Q} b8 \rightarrow \mathbb{Q} d7 (cyclic,
 15-fold)

A/C \mathbb{Q} c8 \rightarrow \mathbb{Q} e8 \rightarrow \mathbb{Q} f8 \rightarrow Bg7 \rightarrow \mathbb{Q} g6 \rightarrow \mathbb{Q} h6 \rightarrow \mathbb{Q} h8 \rightarrow \mathbb{Q} g8 \rightarrow
 \mathbb{Q} e7 \rightarrow \mathbb{Q} d8 \rightarrow \mathbb{Q} c8 (cyclic, 10-fold)

H076



PG 25.5 (14+16)

A 1.f3 d5 2. \mathbb{Q} f2 d4 3. \mathbb{Q} e1 d3 4. \mathbb{Q} e3 \mathbb{Q} h3 5. \mathbb{Q} g3 \mathbb{Q} d7 6. \mathbb{Q} g6 hxg6 7.g4
 \mathbb{Q} g2 8.b3 \mathbb{Q} h3 **B** 9. \mathbb{Q} a3 \mathbb{Q} g3 **C** 10. \mathbb{Q} d6 \mathbb{Q} h3 11. \mathbb{Q} a3 \mathbb{Q} g2 **D** 12. \mathbb{Q} b1
 \mathbb{Q} f2 13. \mathbb{Q} g2 \mathbb{Q} f1 **E** 14. \mathbb{Q} b2 \mathbb{Q} a1 15. \mathbb{Q} b1 exd6 16. \mathbb{Q} f1 **F** \mathbb{Q} e7 17. \mathbb{Q} f2
 \mathbb{Q} f6 18. \mathbb{Q} f1 \mathbb{Q} g5 19. \mathbb{Q} g2 **G** \mathbb{Q} f6 20. \mathbb{Q} g3 **H** \mathbb{Q} g2 21. \mathbb{Q} h3 **I** \mathbb{Q} e7
 22. \mathbb{Q} h8 **J** \mathbb{Q} h6 23. \mathbb{Q} b8 b6 24. \mathbb{Q} b7 \mathbb{Q} h8 25. \mathbb{Q} b8 \mathbb{Q} d8 26. \mathbb{Q} a8 **K**

A/J, D/G, C/H, B/I W \mathbb{Q} a1 \leftrightarrow B \mathbb{Q} h8 (current positions, 4 times)

B/D \mathbb{Q} h3 \leftrightarrow \mathbb{Q} g2

B/E \mathbb{Q} f1 \rightarrow \mathbb{Q} g2 \rightarrow \mathbb{Q} h3 \rightarrow \mathbb{Q} f1 (cyclic)

B/F \mathbb{Q} a1 \rightarrow \mathbb{Q} f1 \rightarrow \mathbb{Q} g2 \rightarrow \mathbb{Q} h3 \rightarrow \mathbb{Q} a1 (cyclic)

B/G, D/I W \mathbb{Q} a1 \rightarrow B \mathbb{Q} c8 \rightarrow B \mathbb{Q} h8 \rightarrow W \mathbb{Q} a1 (current positions, 2 times)

D/E \mathbb{Q} f1 \leftrightarrow \mathbb{Q} g2

D/F \mathbb{Q} a1 \rightarrow \mathbb{Q} f1 \rightarrow \mathbb{Q} g2 \rightarrow \mathbb{Q} a1 (cyclic)

F/G \mathbb{Q} f1 \leftrightarrow \mathbb{Q} g2

F/I \mathbb{Q} f1 \rightarrow \mathbb{Q} h3 \rightarrow \mathbb{Q} g2 \rightarrow \mathbb{Q} f1 (cyclic)

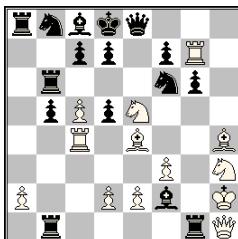
G/I \mathbb{Q} g2 \leftrightarrow \mathbb{Q} h3

J/K \mathbb{Q} h8 \leftrightarrow \mathbb{Q} a8

A/K \mathbb{Q} a1 \rightarrow \mathbb{Q} a8 \rightarrow \mathbb{Q} h8 \rightarrow \mathbb{Q} a1 (cyclic)

After successive exchanges \mathbb{Q} a1/ \mathbb{Q} h8, \mathbb{Q} h8/ \mathbb{Q} a8, cyclic exchange \mathbb{Q} a1/ \mathbb{Q} h8/ \mathbb{Q} a8 is obtained. Also, during solution there are multiple simple and cyclic exchanges with the participation of \mathbb{Q} a1, \mathbb{Q} h8, \mathbb{Q} f1 and \mathbb{Q} c8. Altogether there are 16 occurrences of theme with permutations of 2, 3 or 4 pieces

H077



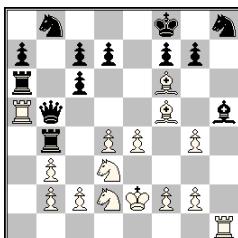
A 1. $\mathbb{Q}a3$ h5 2. $\mathbb{Q}c4$ h4 3. $\mathbb{Q}e5$ h3 4. c4 hxg2 5. h4 $\mathbb{Q}h6$ 6. h5 $\mathbb{Q}b6$ 7. h6 a5 8. h7 a4 9. h8 $\mathbb{Q}a3$ 10. $\mathbb{Q}h7$ axb2 11. $\mathbb{Q}h3$ b1 \mathbb{Q} 12. $\mathbb{Q}a3$ g1 \mathbb{Q} **B** 13. $\mathbb{Q}d6$ $\mathbb{Q}g6$ 14. $\mathbb{Q}g2$ exd6 15. $\mathbb{Q}f1$ d5 16. $\mathbb{Q}g1$ $\mathbb{Q}c5$ 17. $\mathbb{Q}h2$ $\mathbb{Q}e7$ 18. $\mathbb{Q}h1$ $\mathbb{Q}g1$ 19. $\mathbb{Q}c1$ $\mathbb{Q}bb1$ 20. $\mathbb{Q}e4$ b5 21. f3 $\mathbb{Q}f2$ 22. c5 $\mathbb{Q}b6$ **C** 23. $\mathbb{Q}c4$ g6 24. $\mathbb{Q}f6$ $\mathbb{Q}d8$ 25. $\mathbb{Q}h4$ $\mathbb{Q}f6$ 26. $\mathbb{Q}g7$ $\mathbb{Q}e8$ **D**

A/D $\mathbb{Q}d8 \leftrightarrow \mathbb{Q}e8$

B/C $\mathbb{Q}b6 \rightarrow \mathbb{Q}b1 \rightarrow \mathbb{Q}g1 \rightarrow \mathbb{Q}b6$ (cyclic)

PG 26.0 (13+16)

H078



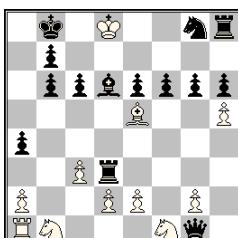
1. d4 h5 2. $\mathbb{Q}g5$ h4 3. $\mathbb{Q}xe7$ h3 4. $\mathbb{Q}f6$ $\mathbb{Q}d6$ 5. $\mathbb{Q}d2$ $\mathbb{Q}g3$ 6. hxg3 h2 7. $\mathbb{Q}h3$ $\mathbb{Q}e7$ 8. $\mathbb{Q}f4$ $\mathbb{Q}h3$ 9. g4 $\mathbb{Q}b3$ 10. e3 $\mathbb{Q}g6$ 11. $\mathbb{Q}f3$ $\mathbb{Q}h8$ 12. $\mathbb{Q}c6$ bxc6 13. axb3 $\mathbb{Q}ab$ 14. $\mathbb{Q}a5$ **A** $\mathbb{Q}d3$ 15. $\mathbb{Q}h5$ $\mathbb{Q}g6$ 16. $\mathbb{Q}d3$ $\mathbb{Q}a6$ 17. $\mathbb{Q}e2$ $\mathbb{Q}b8$ 18. $\mathbb{Q}a1$ h1 $\mathbb{Q}aa5$ $\mathbb{Q}a1$ 20. $\mathbb{Q}h1$ **B** $\mathbb{Q}b4$ 21. $\mathbb{Q}ah5$ $\mathbb{Q}b8$ 22. $\mathbb{Q}f5$ $\mathbb{Q}b5$ 23. $\mathbb{Q}d3$ $\mathbb{Q}b8$ 24. e4 $\mathbb{Q}a6$ 25. $\mathbb{Q}a1$ $\mathbb{Q}f8$ 26. $\mathbb{Q}hh1$ $\mathbb{Q}h5$ 27. $\mathbb{Q}a5$ **C**

A/B/C $\mathbb{Q}a5 \leftrightarrow \mathbb{Q}h1$ (twice)

Lois theme for same color rooks

PG 26.5 (15+13)

H079



1. b4 a5 2. b5 a4 3. b6 cxb6 4. f4 $\mathbb{Q}c7$ 5. f5 $\mathbb{Q}f4$ 6. f6 gxf6 7. $\mathbb{Q}b2$ $\mathbb{Q}h6$ 8. $\mathbb{Q}e5$ $\mathbb{Q}g5$ 9. c3 h6 10. $\mathbb{Q}c2$ $\mathbb{Q}h4+$ 11. $\mathbb{Q}d1$ $\mathbb{Q}e1$ 12. h4 $\mathbb{Q}xf1$ **A** 13. $\mathbb{Q}f3$ $\mathbb{Q}g1$ 14. $\mathbb{Q}h2$ $\mathbb{Q}f2+$ 15. $\mathbb{Q}f1$ **B** $\mathbb{Q}c5$ 16. h5 $\mathbb{Q}d6$ 17. $\mathbb{Q}h4$ $\mathbb{Q}c7$ 18. $\mathbb{Q}c4$ $\mathbb{Q}d8$ 19. $\mathbb{Q}xc8$ $\mathbb{Q}c6$ 20. $\mathbb{Q}xc6$ $\mathbb{Q}c7$ 21. $\mathbb{Q}g6$ 0-0-0 22. $\mathbb{Q}c2$ $\mathbb{Q}b8$ 23. $\mathbb{Q}d3$ **C** $\mathbb{Q}dx6+$ 24. $\mathbb{Q}e4$ $\mathbb{Q}d3$ 25. $\mathbb{Q}f5$ fxg6+ 26. $\mathbb{Q}e6$ $\mathbb{Q}d6$ 27. $\mathbb{Q}d7$ e6 28. $\mathbb{Q}d8$ **D**

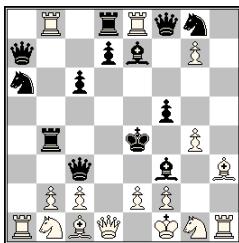
A/B $\mathbb{Q}f1 \leftrightarrow \mathbb{Q}g1$

C/D $\mathbb{Q}d3 \leftrightarrow \mathbb{Q}d8$

B $\mathbb{Q}d6$ is used as a shield 5 times

PG 27.5 (11+14)

H080



A 1.h4 f5 2.h5 ♜f7 3.h6 ♜f6 4.hxg7 h5 5.♗h3 h4 6.♗b3 h3 7.a4 h2 8.a5 h1 9.♗a4 ♜h3 10.♗h4 ♜c3 11.♗h1 ♜h4 12.a6 ♗b4 13.axb7 a5 14.g4 a4 15.♗h3 a3 16.♗f1 a2 17.d4 a1 18.d5 ♜a7 19.d6 ♜a6 20.b8 ♗b7 21.dxe7 ♗f3 22.e8 ♗B c6 23.♗e5 ♜e7 24.♗eb5 ♗f8 25.♗e8 ♗d8 26.♗b8 ♜e5 27.♗a3 ♜e4 28.♗a1 **C**

A/C ♗a1 ↔ ♗h1

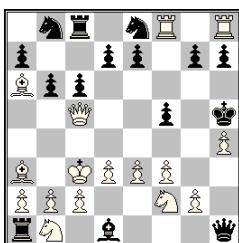
B/C ♗b8 ↔ ♗e8 (promoted)

Capture-free exchange

PG 27.5

(16+13)

H081



A 1.e3 b6 2.♗h5 ♜b7 3.♗c5 f5 4.h4 ♜f7 5.♗h3 **B** ♜g6 6.♗g3+ **C** ♜h5 7.♗g6 **D** ♜f3 8.♗f6 **E** ♜c6 9.♗xf8 **F** ♗f6 10.♗e8! **G** ♗f8 **H** 11.♗a6 ♗f7 12.♗h8 ♗e8 13.d3 ♗f6 14.♗d2 ♗g6 **J** 15.♗b4 ♗g3 **K** 16.♗d2 ♗h3 **L** 17.♗c3 ♗h1 **M** 18.♗h3 ♗e1! 19.♗d2 ♗e2 20.♗h1 ♗e1 21.♗a3 ♗a1 **N** 22.♗b1 ♗d1 23.f3 ♗c8 24.♗f2 ♗b8 25.♗h3 **O** c6 26.♗g3 ♗P ♗c7 27.♗g6 **Q** ♗h2 28.♗f6 **R** ♗h1 29.♗ff8 **S**

Multiple exchanges (PW) between W ♗ and B ♗ from h8.

E/I, D/J, C/K, B/L, A/M ♗h1↔ ♗h8 (PW of current places, 5-fold)

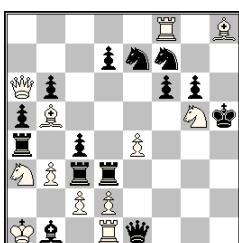
M/N, L/O, K/P, J/Q, I/R, H/S ♗a1↔ ♗h8 (PW of current places, 6-fold)

A/N, B/O, C/P, D/Q, E/R, F/S ♗h1→ ♗h8→ ♗a1→ ♗h1 (cyclic PW of current places, 6-fold, from 2xBelfort B ♗a1/W ♗h8 & sibling W ♗h1)

Also, **G/I** ♗f6→ ♗e8→ ♗h8→ ♗f6 (cyclic)

White knight & black knight switchbacks.

H082



1.f4 h5 2.f5 h4 3.f6 h3 4.fxe7 hxg2 5.exf8 ♗ ♗h3 6.♗c5 ♗c3 7.♗b6 axb6 8.h4 ♗a4 9.♗h3 g1 ♗ 10.h5 ♗gg3 11.h6 ♗h4 12.h7 f6 13.h8 ♗f7 14.♗h5 ♗g6 15.♗a5 bxa5 16.e4 b6 17.♗e2 ♗b7 18.♗a6 ♗d5 19.♗b5 ♗xa2 20.b3 c5 21.♗a3 c4 22.♗f8 ♗c6 23.♗a3 ♗ce7 24.0-0-0 ♗gd3 25.♗g5 ♗e1 26.♗h8 **A** ♗h6 27.♗b2 ♗h5 28.♗a1 g6 29.♗g7 ♗b1 30.♗f8 ♗f7 31.♗h8 **B**

A/B ♗h8 ↔ ♗f8

First presentation of exchange of places by two anti-Pronkin pieces

PG 30.5

(12+14)