

Dmitrij Baibikov, Alain Brobecker & Thierry Le Gleuher

LENGTH RECORDS IN “LAST SINGLE MOVES?” PROBLEMS



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Acknowledgements of the previous version (by Alain Brobecker)

This work wouldn't have been possible without the help and inspiration from many problemists.

My acknowledgements shall go first to Thierry Le Gleuher, who made an impressive work of research and correction when the project started in march 2007. Dmitrij Baibikov joined a bit later with some information still missing and many new records of his own.

Fellow retro-analysts Nikolai Beluhov, Andrew Buchanan, Michael Grushko, Henrik Juel, Mario Richter, Bernd Schwarzkopf kindly provided missing information, corrections and/or new records.

The idea of the compilation came from the work of Mario Richter and Werner Keym, who compiled the economy records in “last move” problems. The problems are available on the excellent website of Otto Janko, who also set up the retro mailing list, which is an invaluable link with other retro-analysts.

Gerd Wilts has made another website of interest, the Problem Data Base (PDB), which contains thousands of chess problems and was used as a reference for a lot of material in the booklet.

Andrew Buchanan, the inventor of Dead Reckoning, proposed to put the problems in a nice dynamical presentation on his website. Be sure to pay him a visit, he has collected many subjects of interest to retro-analysts.

Last, but not the least, I owe a special debt to Yves Tallec who was very patient and tried to explain me what a chess problem is.

Introduction

Introduction

This small booklet is about retrograde analysis in chess. This is a kind of problem where the solver has to explore past of the game in order to answer the question. A very simple retrograde analysis problem is **C3b** where the last single move is a promotion to bishop.

A single move is, as you may have guessed, a move made by one player only. For example 1.f3 e5 2.Kf2 Qh4+ 3.Ke3 Qd4# contains 6 single moves (it's also the only game finishing by 3... Qd4# and was found by Francois Labelle). We say that a single move is completely determined if we know exactly what piece has moved (or pieces in the case of castling), where from, and also which enemy unit was captured if such is the case. So, we must know exactly how the board was before every single move.

We will interest ourselves in problems where we can find out as many previous single moves as possible. All problems in the booklet are length records (as known to us) for a given number of pieces i.e., no known position with less pieces allows to find as much previous single moves. If two positions share the same number of pieces and the same length, the preference goes to the one minimizing the number of queens, rooks, bishops and knights, in this order. For example, **C3a** is preferred to **C3b**.

The problems are classified in 6 different types, as shown in page 1. Type A, B and C are almost standard in retro analysis, but type C was modified so as to have a complete separation between types (a partition), which was not the case with the historical definition of type C: "One king **may** be in check."

In the duplex type there's one solution assuming White has played last and another one assuming Black has played last. If the first move of both solutions is similar it's called a type DD problem. In case both lengths differ, the overall length will be set to the lowest value.

Type E and F were not classified before, but again we have a partition based on the presence or absence of an uncoloured piece attacking both kings (this may prove tricky with pawns). In Rex Multiplex n°27, Andrey Frolkin mentioned that **E15a**, **E15b**, **F4a**, **F4c** and **F5** where of type C (historical definition?).

The choice of possible last moves is larger in type A problems than in type D or B, and in type D or B than in type C. That's why type A problems are usually preferred. In the same way type E problems are preferred to type F problems.

The table on page 3 shows a summary of the known length records up to now. The number in the first column is the total number of pieces on the board. Then there is one column per problem type. For a given number of pieces and a given problem type, the corresponding cell will contain a length only if the problem with that number of pieces improves the preceding record for this type.

One shall note it's easy to create a type B problem out of every type A or type D problems without changes in the number of pieces that's why you may have A or D letter in the B column instead of a number of moves. It's also possible to create a type B problem out of a type C problem by extracting the last checking move (unless it's an "en passant" capture or a castling), but it may change the number of moves or the number of pieces, so this time the modified problem is repeated.

The information concerning a problem, such as date of publication, name of magazine, etc, are given alongside the solution of the problem. Also, if a problem derives from another one, I tried to give the original problem in FEN notation with full credit.

Table of records

n	A	B	C	D	E	F
2						
3		1	1			
4		2	3			1
5		4				2
6						3
7	1	6	6			
8	2		7	1		
9		7				
10	3	8	8	2		
11			9			
12	5					
13		10	11	3		
14	6		12			
15	17	18	20	15	1	
16	21	22	22	17		
17				19	2	
18			24			
19	25	A	26	24	3	
20	28	A	29			
21			30			
22	29	A	60	25		
23	59	A			4	
24			101	45		11
25	101	103		102		
26						
27			109			13
28	107	108			20	21
29					22	27
30						
31						
32						

Number of last single moves for n pieces and for every type.

Problems

Computer tests

This new version of the records has additional information on some problems. You will see that some problems are tagged C+, which means that they had been checked by a chess problem software.

In fact, today there is one software available on the web, that can solve some short problem from this type (last single move): Retractor 2.

Retractor 2 is developed by Theodore Hwa since 2019/05/13. It is the successor to the original Retractor 1.0, developed by Theodore Hwa and Chad Whipkey in 1998. Today we have version 2.1.1 which has been able to verify 25 problems in our list.

A7a, A7b, B3, B4a, B4b, B4c, B5a, B5b, B7a, B7b, B9, B10, B13, C3a, C3b, C4a, C4b, C7, C8, C10, C11, C13, C14, D8, D10.

The other software available from long time is Winchloe developed by Christian Poisson in 2000. It is not specialized in retro (except to solve proof game including fairy ones, but not with too many moves), but it can be used with technical constraints to explore cages (when we are convinced that the structure of the cage is locked since the retraction of a specific move). It is the reason why 7 other problems of this kind are also tagged C+, but they should be considered in reality as HC+ (human and computer tested).

A25, A28, B25, B28, C24, C27, D25

Previous problems removed

This update is following my update in Phénix review in 2018 (px 282 derniers coups simples.pdf), which was following the last booklet in 2012 (lengths-jan-12). A number of good problems have been beaten by some new records. The list was already updated in 2018 and is updated again. The list below is only about what have been removed since 2018.

- The old A25/86 and A26/100 are exceeded by the A25/101,
- The old B25/90, B26/101, C25/101 and C26/102 are exceeded by the B25/103.

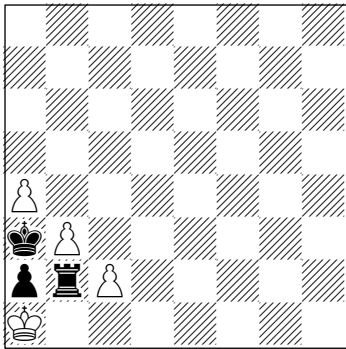
New problems added

- A25/101 and B25/103 already seen above, but also,
- D25/102, A28/107, B28/108 and C27/109.

All these new records are based on the 50 moves rule and some very good problems not based on this rule have been removed. Some of these old problems are always presented in dedicated section.

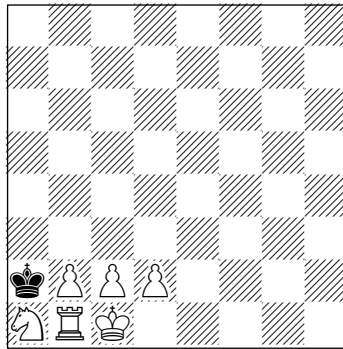
Type A: It is not given who has the move, neither king is in check

**A7a) N. Høeg, T.R.
Dawson, H. August, O.
Brennert & V. Onitiu**



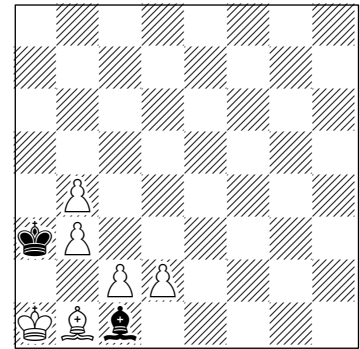
(4+3) C+
Last single move?

A7b) V. Røpke



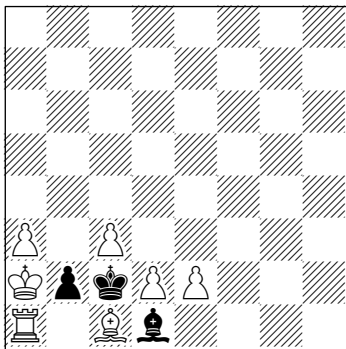
(6+1) C+
Last single move?

A8) Niels Høeg



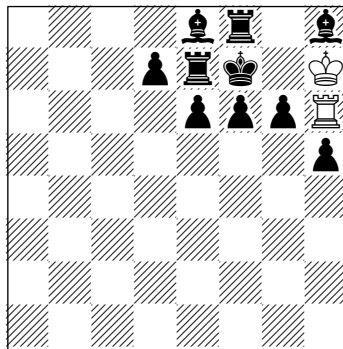
(6+2)
Last 2 single moves?

A10) Dmitrij Baibikov
(after Karl Fabel)



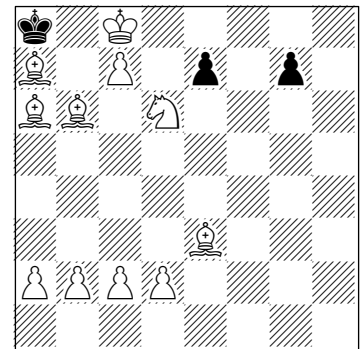
(7+3)
Last 3 single moves?

A12) Andrew Buchanan
(after Theophilus Harding
Willcocks)



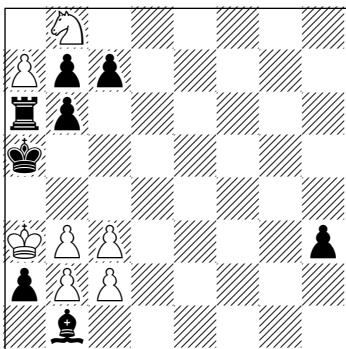
(2+10)
Last 5 single moves?

**A14) A. Brobecker
& T. Le Gleuher**
(after Frank Christiaans)



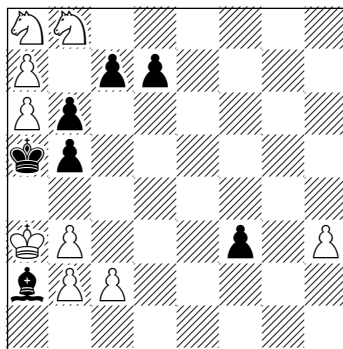
(11+3)
Last 6 single moves?

A15) Dmitrij Baibikov



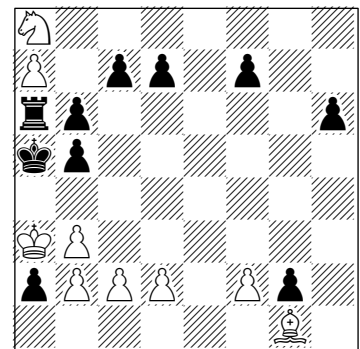
(7+8)
Last 17 single moves?

A16) Dmitrij Baibikov



(9+7)
Last 21 single moves?

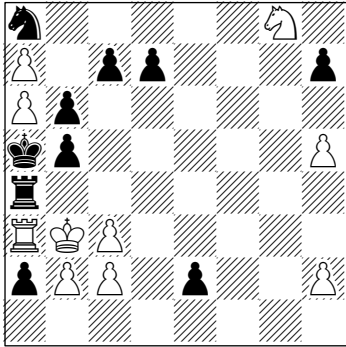
A19) Dmitrij Baibikov



(9+10)
Last 25 single moves?

Type A: It is not given who has the move, neither king is in check

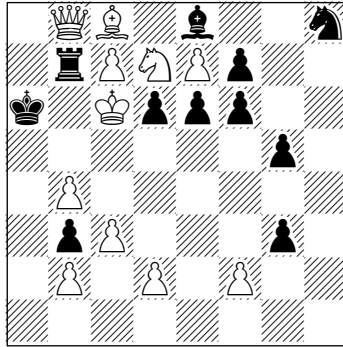
A20) Dmitrij Baibikov



(10+10)

Last 28 single moves?

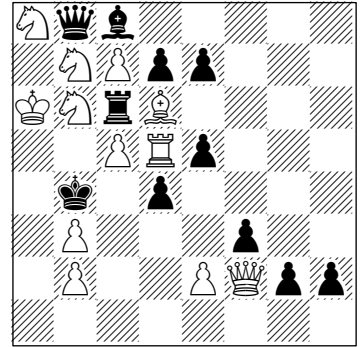
A22) Dmitrij Baibikov



(11+11)

Last 29 single moves?

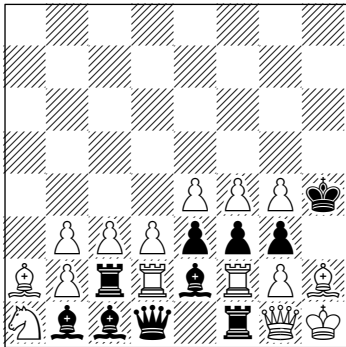
A23) Dmitrij Baibikov



(12+11)

Last 59 single moves?

A25) Thierry Le Gleuher

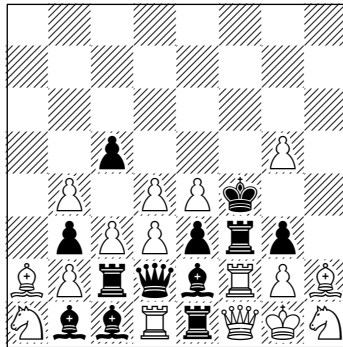


(15+10)

C+

Last 101 single moves?

A28) Thierry Le Gleuher



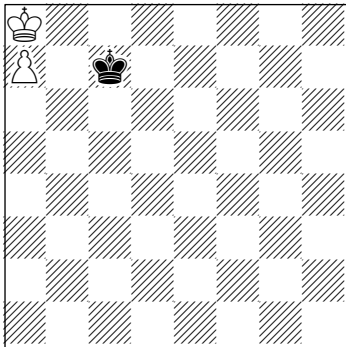
(16+12)

C+

Last 107 single moves?

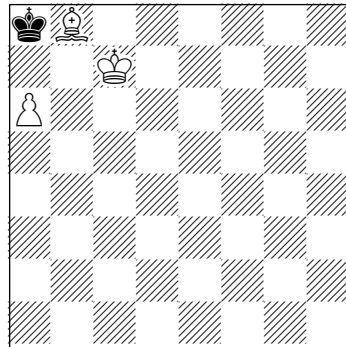
Type B: The stipulation says who has the move, neither king is in check

**B3) Thomas Rayner
Dawson**



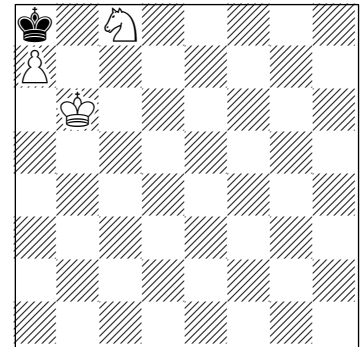
(2+1) C+
Last single move?
White played last.

B4a) Dmitrij Baibikov
(after V. Liskovets, V. Voinov)



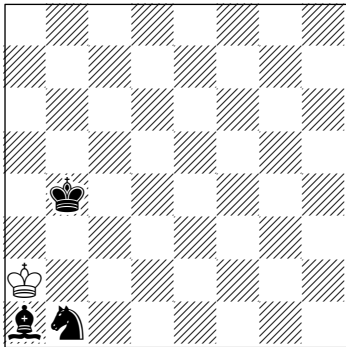
(3+1) C+
Last 2 single moves?
Black played last.

B4b) Michael Grushko



(3+1) C+
Last 2 single moves?
Black played last.

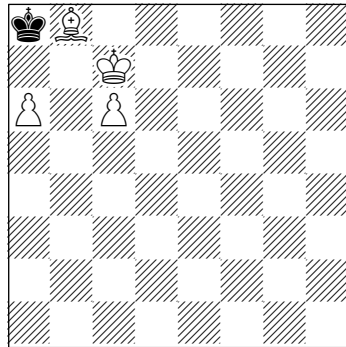
B4c) Jan Mortensen



(1+3) C+
Last 2 single moves?
White played last.

**B5a) V. Liskovets, V.
Voinov**

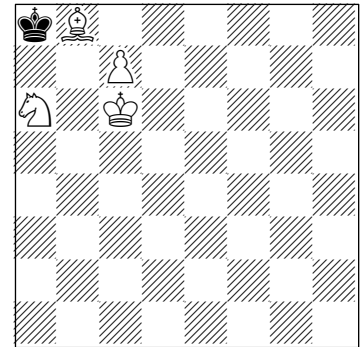
(version Dmitrij Baibikov)



(4+1) C+
Last 4 single moves?
Black played last.

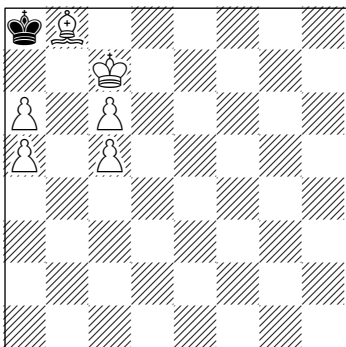
**B5b) V. Liskovets, V.
Voinov**

(after Arthur Ford Mackenzie)



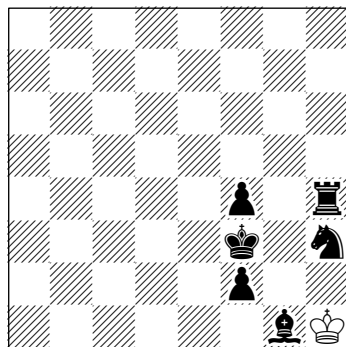
(4+1) C+
White mates in 3 moves.
(Last 4 single moves?)

B7a) Joza Tucakov
(version by Dmitrij Baibikov)



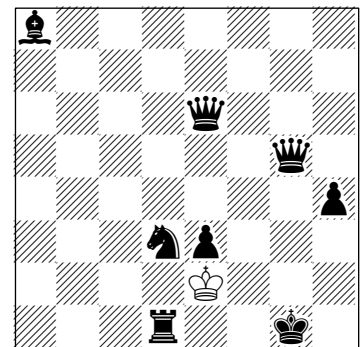
(6+1) C+
Last 6 single moves?
Black played last.

B7b) Faat Fatchulin



(1+6)
Black mates in 1 move.
(Last 6 single moves?)

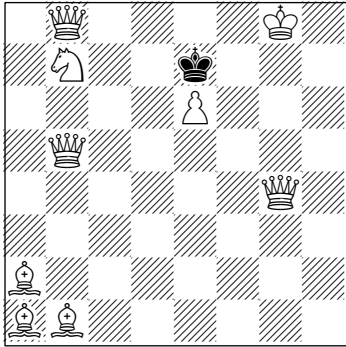
B9) Nenad Petrović
(version by Alain Brobecker)



(1+8) C+
Last 7 single moves?
White played last.

Type B: The stipulation says who has the move, neither king is in check

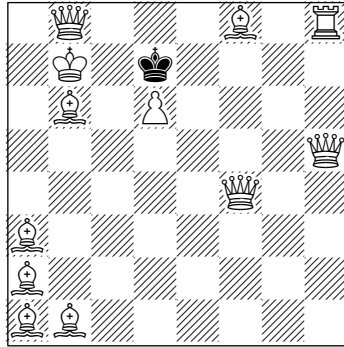
B10) Nenad Petrović
(version by Dmitrij Baibikov)



(9+1) C+

Last 8 single moves?
Black played last.

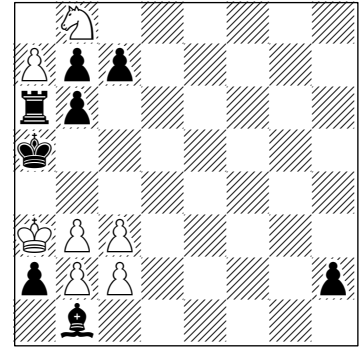
B13) Nenad Petrović
(version by Dmitrij Baibikov)



(12+1) C+

Last 10 single moves?
Black played last.

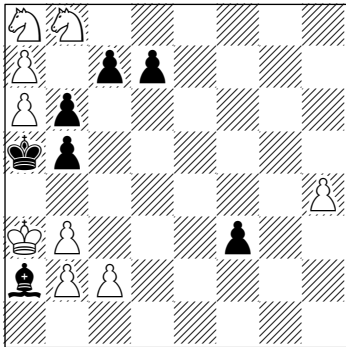
B15) Dmitrij Baibikov



(7+8)

Last 18 single moves?
Black played last.

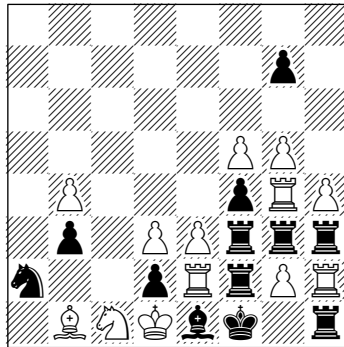
B16) Dmitrij Baibikov



(9+7)

Last 22 single moves?
White played last.

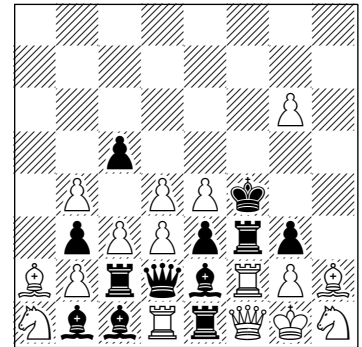
B25) Thierry Le Gleuher



(13+12) C+

Last 103 single moves?
White played last.

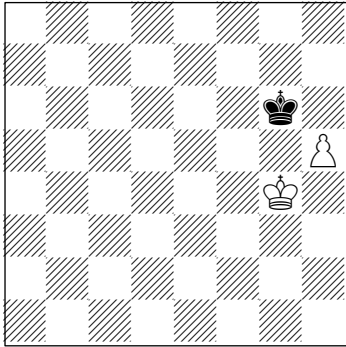
B28) Thierry Le Gleuher



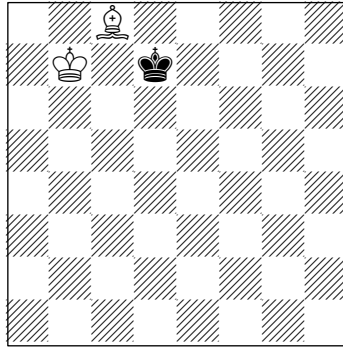
(16+12)

Last 108 single moves?
White played last.

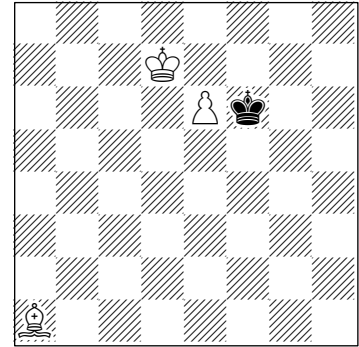
Type C: One king is in check

C3a) Niels Høeg

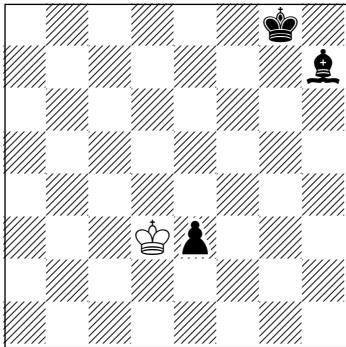
(2+1) C+
Last single move?

C3b) Niels Høeg

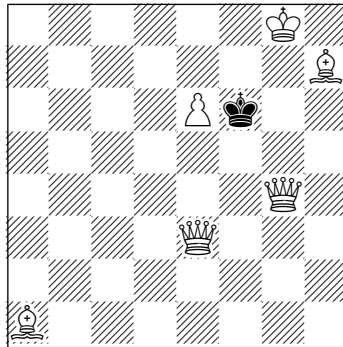
(2+1) C+
Last single move?

C4a) Niels Høeg

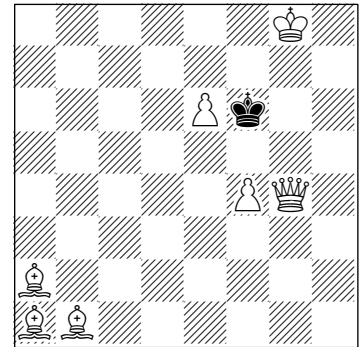
(3+1) C+
Last 3 single moves?

C4b) Niels Høeg

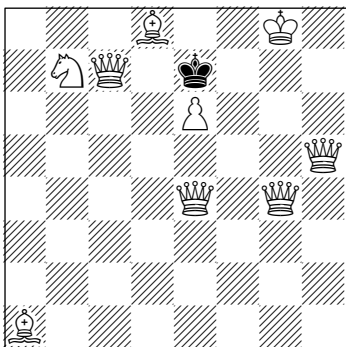
(1+3) C+
Last 3 single moves?

C7) Nenad Petrović

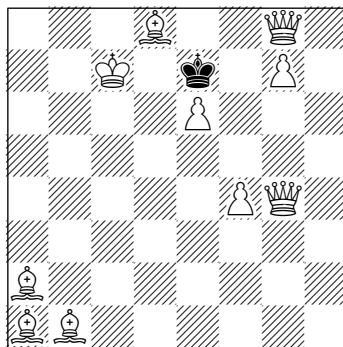
(6+1) C+
Last 6 single moves?

C8) Nenad Petrović

(7+1) C+
Last 7 single moves?

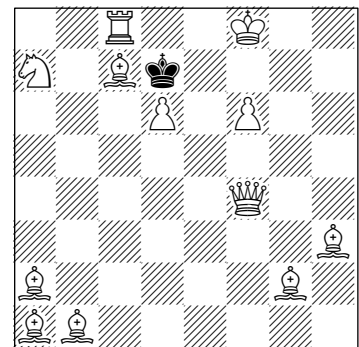
C10) Nenad Petrović

(9+1) C+
Last 8 single moves?

C11) Nenad Petrović

(10+1) C+
Last 9 single moves?

**C13) N. Plaksin
& A. Kisljak**
(version by Dmitrij Baibikov)

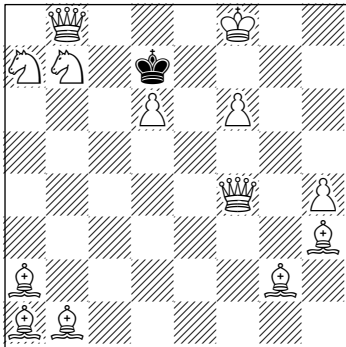
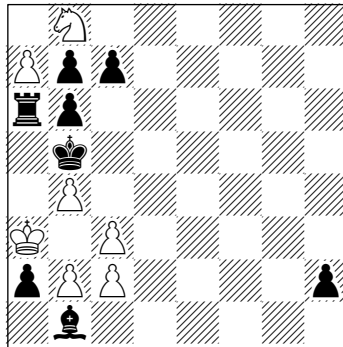
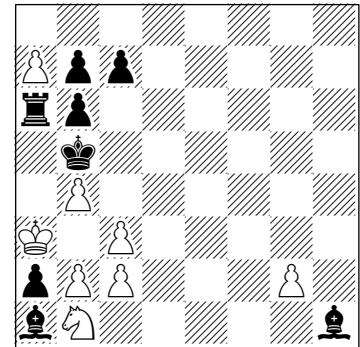
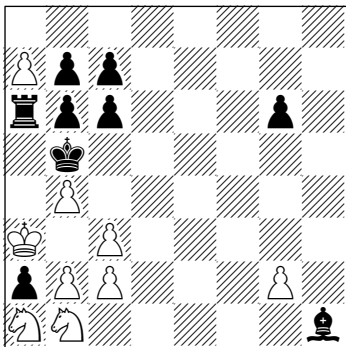
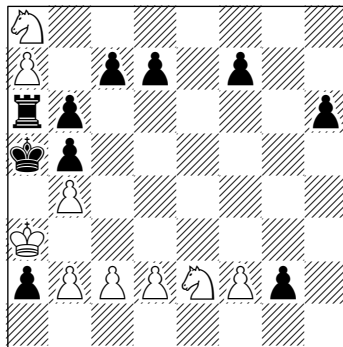
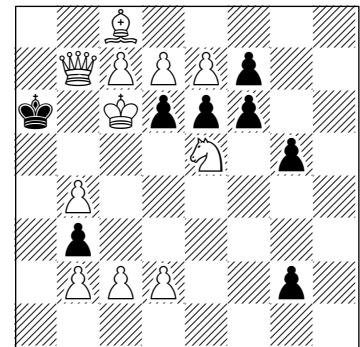
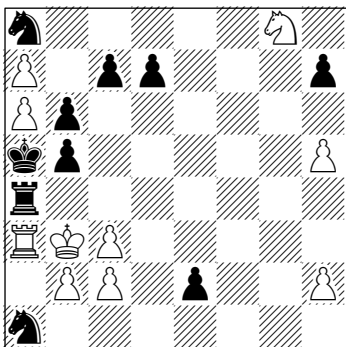
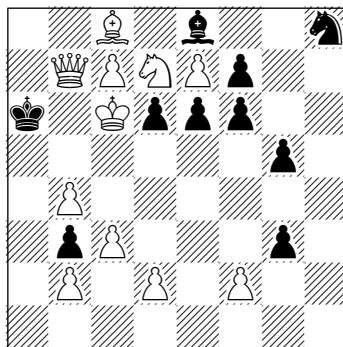
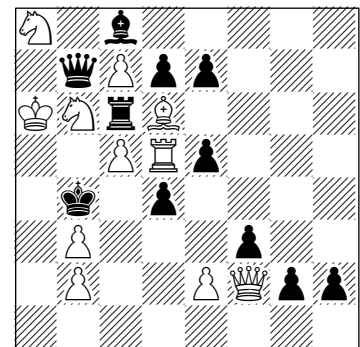


(12+1) C+
Last 11 single moves?

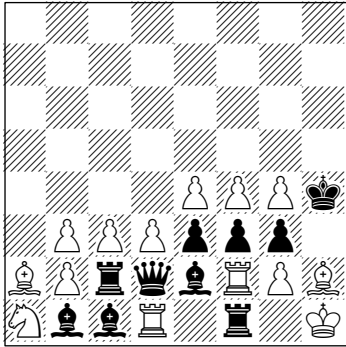
Type C: One king is in check

**C14) N. Plaksin
& A. Kisljak**

(version by Dmitrij Baibikov)

(13+1) C+
Last 12 single moves?**C15) Dmitrij Baibikov**(7+8)
Last 20 single moves?**C16) Dmitrij Baibikov**(8+8)
Last 22 single moves?**C18) Dmitrij Baibikov**(9+9)
Last 24 single moves?**C19a) Dmitrij Baibikov**(9+10)
Last 26 single moves?**C19b) Dmitrij Baibikov**(11+8)
Last 26 single moves?**C20) Dmitrij Baibikov**(10+10)
Last 29 single moves?**C21) Dmitrij Baibikov**(11+10)
Last 30 single moves?**C22) Dmitrij Baibikov**(11+11)
Last 60 single moves?

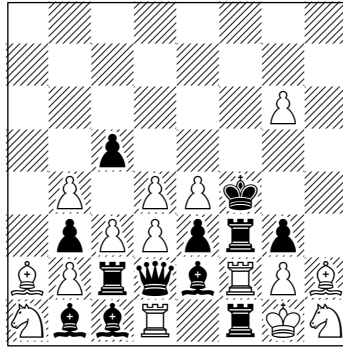
 Type C: One king is in check

C24) Thierry Le Gleuher

(14+10)

C+

Last 101 single moves?

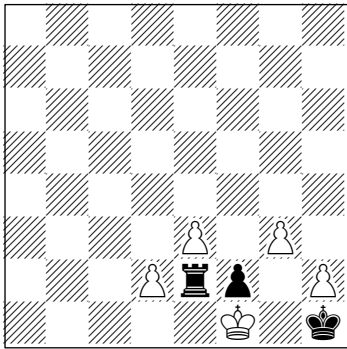
C27) Thierry Le Gleuher

(15+12)

C+

Last 109 single moves?

Type D: Duplex type B

D8) Wolfgang Dittmann

(5+3)

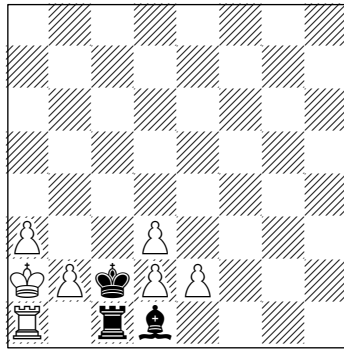
C+

Last single move?

Duplex

D10) Andrew Buchanan

(after Bernd Schwarzkopf)

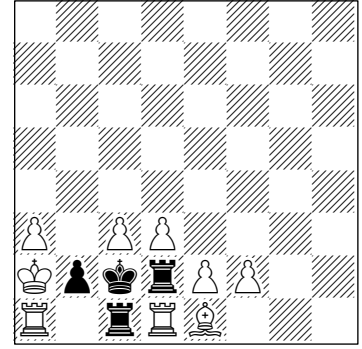


(7+3)

C+

Last 2 single moves?

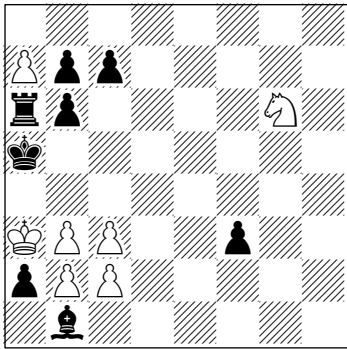
Duplex

D13) Dmitrij Baibikov(after A. Buchanan
& B. Schwarzkopf)

(9+4)

Last 3 single moves?

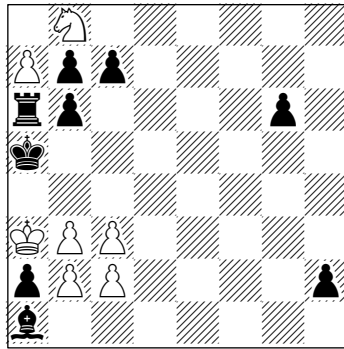
Duplex

D15) Dmitrij Baibikov

(7+8)

Last 15 single moves?

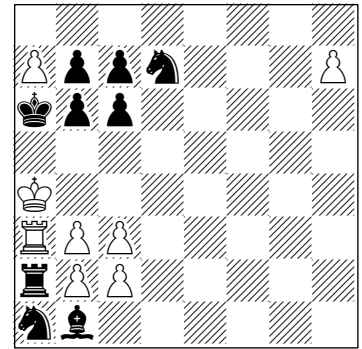
Duplex

D16) Dmitrij Baibikov

(7+9)

Last 17 single moves?

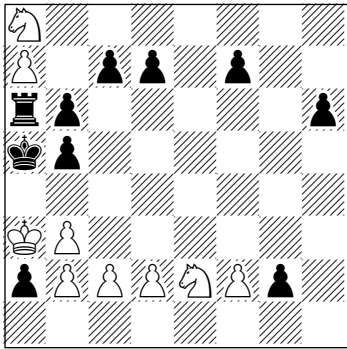
Duplex

D17) Dmitrij Baibikov

(8+9)

Last 19 single moves?

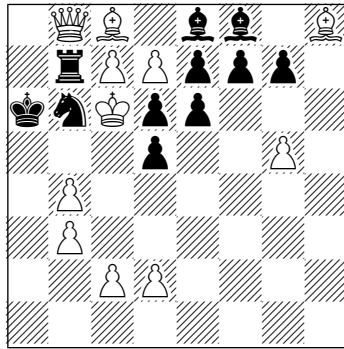
Duplex

D19) Dmitrij Baibikov

(9+10)

Last 24 single moves?

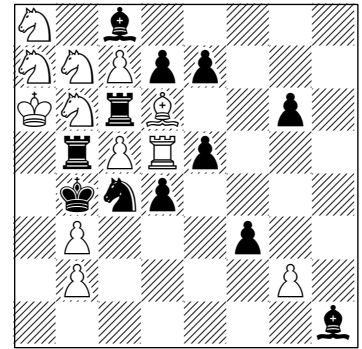
Duplex

D22) Dmitrij Baibikov

(11+11)

Last 25 single moves?

Duplex

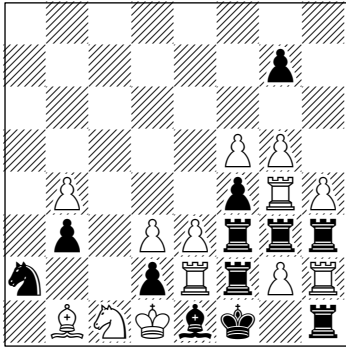
D24) Dmitrij Baibikov

(12+12)

Last 45 single moves?

Duplex

Type D: Duplex type B

D25) Thierry Le Gleuher

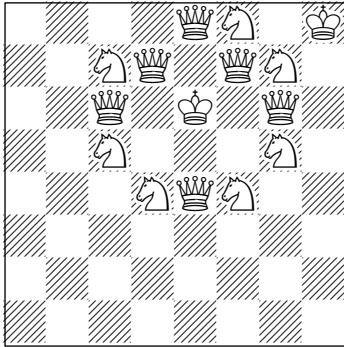
(13+12)

C+

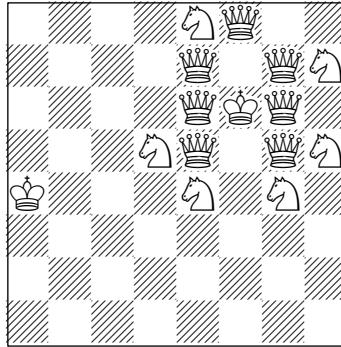
Last 102 single moves?

Duplex

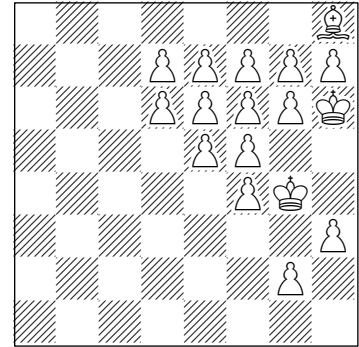
Type E: Coloring problem with no piece attacking both kings

E15a) A. Frolkin & A. Kornilov $(?+?=15)$

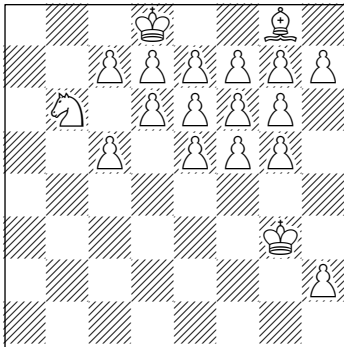
Last single move?
Colour the pieces.

E15b) A. Frolkin & A. Kornilov $(?+?=15)$

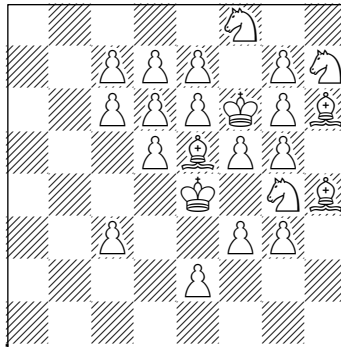
Last single move?
Colour the pieces.

E17) Dmitrij Baibikov $(?+?=17)$

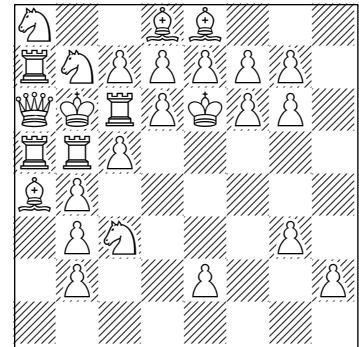
Last 2 single moves?
Colour the pieces.

E19) Dmitrij Baibikov $(?+?=19)$

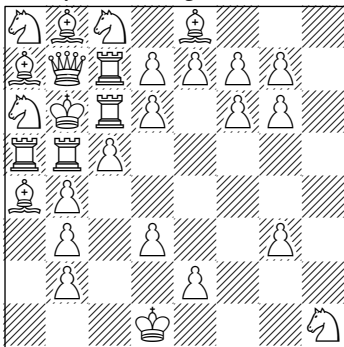
Last 3 single moves?
Colour the pieces.

E23) Dmitrij Baibikov $(?+?=23)$

Last 4 single moves?
Colour the pieces.

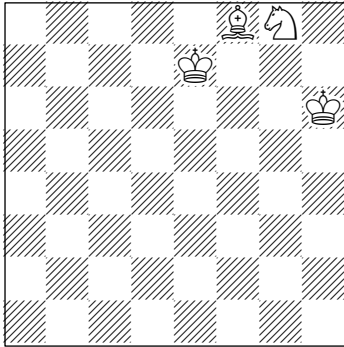
E28) Dmitrij Baibikov $(?+?=28)$

Last 20 single moves?
Colour the pieces.

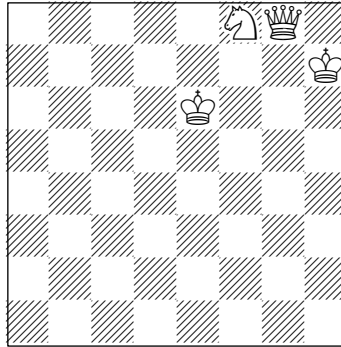
E29) Dmitrij Baibikov $(?+?=29)$

Last 22 single moves?
Colour the pieces.

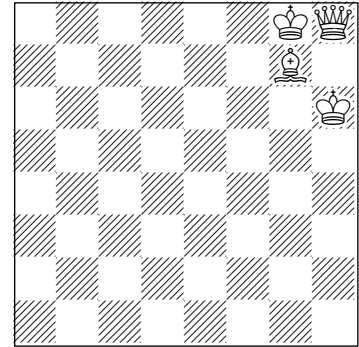
 Type F: Coloring problem with one piece or more attacking both kings

**F4a) A. Frolkin
& A. Kornilov**

 $(?+?=4)$

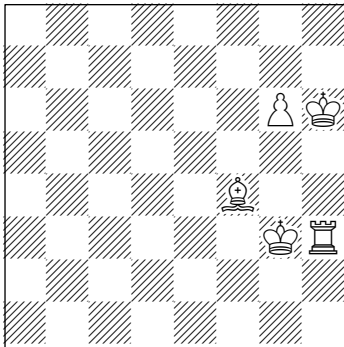
 Last single move?
 Colour the pieces.

F4b) Gideon Husserl

 $(?+?=4)$

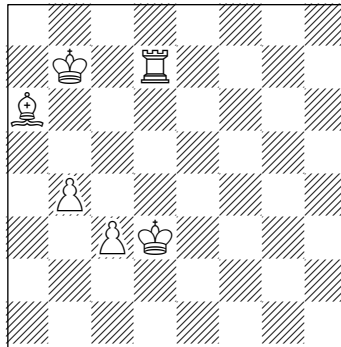
 Last single move?
 Colour the pieces.

F4c) Henri Nougier

 $(?+?=4)$

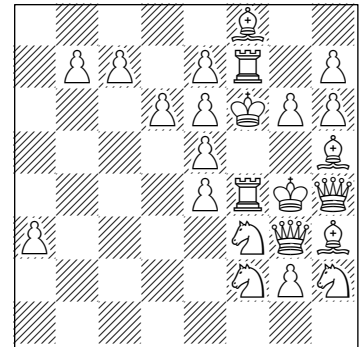
 Last single move?
 Colour the pieces.

**F5) A. Frolkin
& A. Kornilov**

 $(?+?=5)$

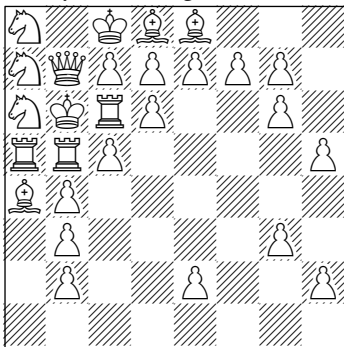
 Last 2 single moves?
 Colour the pieces.

F6) Nikolaj Burljaev

 $(?+?=6)$

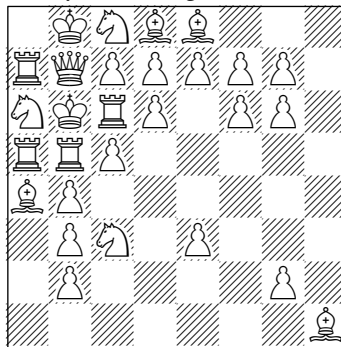
 Last 3 single moves?
 Colour the pieces.

F24) Andrey Kornilov

 $(?+?=24)$

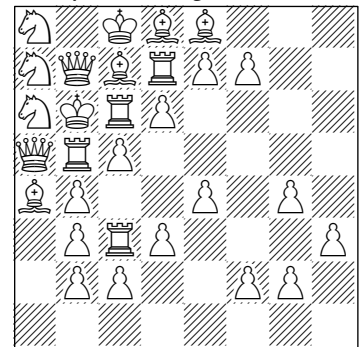
 Last 11 single moves?
 Colour the pieces.

F27) Dmitrij Baibikov

 $(?+?=27)$

 Last 13 single moves?
 Colour the pieces.

F28) Dmitrij Baibikov

 $(?+?=28)$

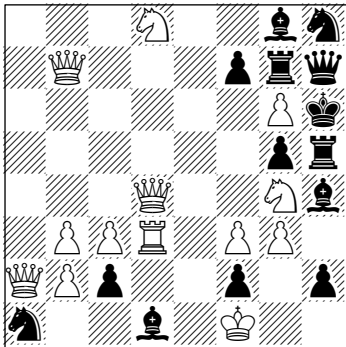
 Last 21 single moves?
 Colour the pieces.

F29) Dmitrij Baibikov

 $(?+?=29)$

 Last 27 single moves?
 Colour the pieces.

Old problems

I. Hugo August
Die Schwalbe 1941

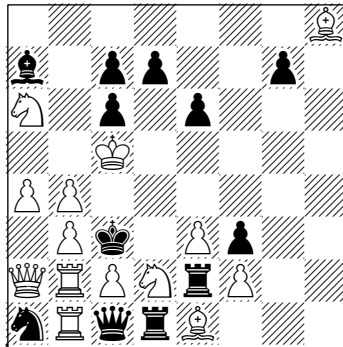


(13+14)

Last 54 single move?

(C27/54)

II. Pascal Wassong
dédié à Babette
Europe Echecs 1994 (v)



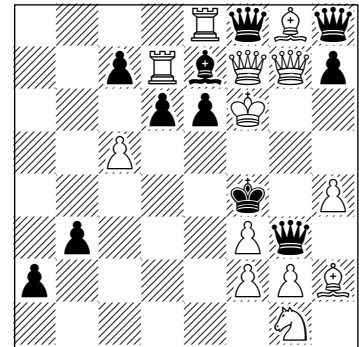
(14+12)

C+

Last 55 single move?

(C26/55)

III. Dmitrij Baibikov
Prize StrateGems 2008



(13+11)

Last 54 single move?

(C24/54)

Solutions

Please note that the solutions are in “retro play” notation which is now the common notation for retro-moves (except for Proca-Retractor). It is different from the previous version of the booklet.

A7a - N. Høeg, T.R. Dawson, H. August, O. Brennert & V. Onitiu

retro: 1...Kb4×Na3

A7b - V. Røpke, T.R. Dawson, H. August, H Rohr, R. Steinweg & V. Onitiu

retro: 1.Kd1×Nc1

A8 - Niels Høeg

retro: 1.Ba2×Nb1 Nc3-b1

A10 - Dmitrij Baibikov

1.Rb1×Na1 Nb3-a1 2.Ra1-b1

A12 - Andrew Buchanan

retro: 1...Bg7×Rh8 2.Rg8-h8 Bh8×Ng7 3.Nf5-g7 Bg7-h8

A14 - Alain Brobecker & T. Le Gleuher

retro: 1.Ba5×Pb6 b7-b6 2.Bd4-a7 Ka7×Na8 3.Nb6-a8+ Ka8-a7

A15 - Dmitrij Baibikov

retro: 1.Nd7-b8 h4-h3 2.Nf6-d7 h5-h4 3.Ng8-f6 h6-h5 4.g7-g8=N h7-h6 5.h6×Ng7 Ne6-g7 6.h5-h6 Nc5-e6 7.h4-h5 Na4-c5 8.h3-h4 Kb5-a5 9.h2-h3

A16 - Dmitrij Baibikov

retro: 1...Bb1-a2 2.h2-h3 a2×Rb1=B 3.Re1-b1 f4-f3 4.Re8-e1 f5-f4 5.e7-e8=R f6-f5 6.e6-e7 f7-f6 7.f5×Be6 Bd5-e6 8.f4-f5 Bb7-d5 9.f3-f4 Bc8-b7 10.f2-f3 b7-b6 11.b6×Na7 Nc6-a7

A19 - Dmitrij Baibikov

retro: 1...g3-g2 2.Bh2-g1 g4-g3 3.Be5-h2 g5-g4 4.Bh8-e5 g6-g5 5.h7-h8=B g7-g6 6.g6×Bh7 Bg8-h7 7.g5-g6 Bh7-g8 8.g4-g5 Bg6-h7 9.g3-g4 Bh5-g6 10.g2-g3 Bf3×Ph5 11.h4-h5 Bb7-f3 12.h3-h4 Bc8-b7 13.h2-h3 b7-b6

A20 - Dmitrij Baibikov

retro: 1.Ne7-g8 e3-e2 2.Ng6-e7 e4-e3 3.Nf8-g6 e5-e4 4.f7-f8=N e6-e5 5.f6-f7 f7×Ne6 6.Nc5-e6 Rg4-a4 7.Na4-c5+ Rg1-g4 8.h4-h5 g2-g1=R 9.h3-h4 g3-g2 10.g2×Bh3 Bg4-h3 11.f5-f6 Bf3-g4 12.f4-f5 Bb7-f3 13.f3-f4 Bc8-b7 14.f2-f3 b7-b6

A22 - Dmitrij Baibikov

retro: 1...Ng6-h8 2.c2-c3 Nf8-g6 3.Ne5-d7 Nd7-f8+ 4.Ng6-e5 g4-g3 5.Nh8-g6 g6-g5 6.h7-h8=N g5-g4 7.h6-h7 h7×Ng6 8.Ne5-g6 g6-g5 9.Nc4-e5 g7-g6 10.Na5-c4 Rb5-b7 11.Nb7-a5+ Ra5-b5 12.h5-h6 Ra1-a5 13.h4-h5 a2-a1=R 14.h3-h4 a3-a2 15.h2-h3 a4-a3

A23 - Dmitrij Baibikov

retro: 1.Qh4-f2 g3-g2 2.Qh8-h4 g4-g3 3.h7-h8=Q g5-g4 4.h6-h7 g6-g5 5.g5×Nh6 Nf5-h6 6.g4-g5 Ne3-f5 7.g3-g4 Nc4-e3 8.Na4-b6 Nb6-c4+ 9.Nc3-a4 h3-h2 10.Ne4-c3 h4-h3 11.Nf6-e4 h5-h4 12.Ng8-f6 h6-h5 13.g7-g8=N h7-h6 14.h6×Ng7 Nf5-g7 15.h5-h6 Ne3-f5 16.h4-h5 Nc4-e3 17.h3-h4 Na5-c4 18.Nd8-b7 Nb7-a5+ 19.Nf7-d8 f4-f3 20.Nh6-f7 f5-f4 21.Ng8-h6 f6-f5 22.g7-g8=N f7-f6 23.f6×Ng7 Nf5-g7 24.h2-h3 Ne3-f5 25.f5-f6 Nc2-e3 26.f4-f5 Na1-c2 27.f3-f4 a2-a1=N 28.f2-f3 a3-a2 29.a2×Rb3 Ka4-b4 30.c4-c5

A25 – T. Le Gleuher

retro: 1. ... Qe1-d1 2.Rd1-d2 Qd2-e1 3.Re1-d1 Bd1-e2 4.Re2-f2 Rf2-f1 5.Rf1-e1 Qe1-d2 6.Rd2-e2 Be2-d1 7.Rd1-d2 Bd2-c1 8.Rc1-d1 Qd1-e1 9.Re1-f1 Bf1-e2 10.Re2-e1 Be1-d2 11.Rd2-e2 Qe2-d1 12.Rd1-c1 Rc1-c2 13.Rc2-d2 Bd2-e1 14.Re1-d1 Qd1-e2 15.Re2-e1 Be1-d2 16.Rd2-c2 Qc2-d1 17.Rd1-d2 Bd2-e1 18.Re1-e2 Be2-f1 19.Rf1-e1 Be1-d2 20.Rd2-d1 Bd1-e2 21.Re2-d2 Bd2-e1 22.Re1-f1 Rf1-f2 23.Rf2-e2 Be2-d1 24.Rd1-e1 Be1-d2 25.Rd2-d1 Bd1-e2 26.Re2-f2 Bf2-e1 27.Re1-e2 Be2-d1 28.Rd1-e1 Re1-f1 29.Qf1-g1 Bg1-f2 30.Qf2-f1 Rf1-e1 31.Re1-d1 Qd1-c2 32.Rc2-d2 Qd2-d1 33.Rd1-e1 Qe1-d2 34.Rd2-d1 Rd1-c1 35.Rc1-c2 Bc2-b1 36.Rb1-c1 Rc1-d1 37.Rd1-d2 Qd2-e1 38.Qe1-f2 Rf2-f1 39.Qf1-e1 Qe1-d2 40.Rd2-d1 Qd1-e1 41.Qe1-f1 Bf1-e2 42.Re2-d2 Qd2-d1 43.Qd1-e1 Qe1-d2 44.Qd2-d1 Bd1-c2 45.Qc2-d2 Qd2-e1 46.Re1-e2 Be2-d1 47.Qd1-c2 Qc2-d2 48.Qd2-d1 Rd1-c1 49.Rc1-b1 Qb1-c2 50.Nc2-a1 Qa1-b1 51.Bb1-a2 a2-a1=Q
100 single moves have been played after 51...a2-a1=Q and the diagram position is draw.

A28 - T. Le Gleuher

retro: 1... g4-g3 2.Ng3-h1+ c6-c5 3.Kh1-g1 c7-c6 4.Qg1-f1 Rf1-e1 5.Re1-d1 Bd1-e2 6.Re2-f2 Rf2-f1 7.Rf1-e1 Qe1-d2 8.Rd2-e2 Be2-d1 9.Rd1-d2 Bd2-c1 10.Rc1-d1 Qd1-e1 11.Re1-f1 Bf1-e2 12.Re2-e1 Be1-d2 13.Rd2-e2 Qe2-d1 14.Rd1-c1 Rc1-c2 15.Rc2-d2 Bd2-e1 16.Re1-d1 Qd1-e2 17.Re2-e1 Be1-d2 18.Rd2-c2 Qc2-d1 19.Rd1-d2 Bd2-e1 20.Re1-e2 Be2-f1 21.Rf1-e1 Be1-d2 22.Rd2-d1 Bd1-e2 23.Re2-d2 Bd2-e1 24.Re1-f1 Rf1-f2 25.Rf2-e2 Be2-d1 26.Rd1-e1 Be1-d2 27.Rd2-d1 Bd1-e2 28.Re2-f2 Bf2-e1 29.Re1-e2 Be2-d1 30.Rd1-e1 Re1-f1 31.Qf1-g1 Bg1-f2 32.Qf2-f1 Rf1-e1 33.Re1-d1 Qd1-c2 34.Rc2-d2 Qd2-d1 35.Rd1-e1 Qe1-d2 36.Rd2-d1 Rd1-c1 37.Rc1-c2 Bc2-b1 38.Rb1-c1 Rc1-d1 39.Rd1-d2 Qd2-e1 40.Qe1-f2 Rf2-f1 41.Qf1-e1 Qe1-d2 42.Rd2-d1 Qd1-e1 43.Qe1-f1 Bf1-e2 44.Re2-d2 Qd2-d1 45.Qd1-e1 Qe1-d2 46.Qd2-d1 Bd1-c2 47.Qc2-d2 Qd2-e1 48.Re1-e2 Be2-d1 49.Qd1-c2 Qc2-d2 50.Qd2-d1 Rd1-c1 51.Rc1-b1 Qb1-c2 52.Nc2-a1 Qa1-b1 53.Bb1-a2 a2-a1=Q 54.Na1-c2 a3-a2
99 single moves have been played from 53.Bb1-a2 to 4.Qg1-f1.

B3 - Thomas R. Dawson

retro: 1.a6-a7

B4a - Dmitrij Baibikov

retro: 1...Ka7-a8 2.b7-b8=B+

B4b - Michael Grushko

retro: 1...Kb8-a8 2.a6-a7+

B4c - Jan Mortensen

Retro: 1.Kb2-a2 a2-a1=B+

B5a - Valery Liskovets & Valerij Voinov

retro: 1...Ka7-a8 2.b7-b8=B+ Ka8-a7 3.b6-b7+

B5b - Valery Liskovets & Valerij Voinov

retro: 1...Ka7-a8 2.b7-b8=B+ Ka8-a7 3.b6-b7+ (**1.Ba7!** K×a7 2.c8=R K×a6 3.Ra8#)

B7a - Joza Tucakov

retro: 1...Ka7-a8 2.b7-b8=B+ Ka8-a7 3.b6-b7+ Ka7-a8 4.b5-b6+

B7b - Faat Fatchullin

retro: 1.Kh2-h1 g2-g1=B+ 2.Kh1-h2 g3-g2+ 3.Kh2-h1 g4-g3+

B9 - Nenad Petrović

retro: 1.Kf3-e2 d4×Pe3 e.p.+ 2.e2-e4 d5-d4+ 3.Ke3×Pf3 e4×Pf3 e.p.++ 4.f2-f4

B10 - Nenad Petrović

retro: 1...Kf6-e7 2.d5×Pe6 e.p.+ e7-e5 3.d4-d5+ Kg6×Pf6 4.g5×Pf6 e.p.++ f7-f5 5.d3-d4+

B13 - Nenad Petrović

retro: 1...Ke6-d7 2.c5×Pd6 e.p.+ d7-d5 3.c4-c5+ Kf6×Pe6 4.f5×Pe6 e.p.++ e7-e5 5.c3-c4+ Kg7-f6 6.f7-f8=B+

B15 - Dmitrij Baibikov

retro: 1...h3-h2 2.Nd7-b8 h4-h3 3.Nf6-d7 h5-h4 4.Ng8-f6 h6-h5 5.g7-g8=N h7-h6 6.h6×Ng7 Ne6-g7 7.h5-h6 Nc5-e6 8.h4-h5 Na4-c5 9.h3-h4 Kb5-a5 10.h2-h3

B16 - Dmitrij Baibikov

retro: 1.h3-h4 Bb1-a2 2.h2-h3 a2×Rb1=B 3.Re1-b1 f4-f3 4.Re8-e1 f5-f4 5.e7-e8=R f6-f5 6.e6-e7 f7-f6 7.f5×Be6 Bd5-e6 8.f4-f5 Bb7-d5 9.f3-f4 Bc8-b7 10.f2-f3 b7-b6 11.b6×Na7 Nc6-a7

B25 - Thierry Le Gleuher

retro: 1.Bc2-b1 Kg1-f1 2.Bb1-c2 Rf1-f2 3.Bc2-b1 Rf2-f3 4.Bb1-c2 Rf3-g3 5.Bc2-b1 Rg3-h3 6.Rh3-h2 Rh2-h1 7.Bb1-c2 Kh1-g1 8.Bc2-b1 Rg1-f1 9.Bb1-c2 Rf1-f2 10.Bc2-b1 Rf2-f3 11.Bb1-c2 Rf3-g3 12.Rg3-h3 Rh3-h2 13.Bc2-b1 Kh2-h1 14.Bb1-c2 Rh1-g1 15.Bc2-b1 Kg1-h2 16.Bb1-c2 Rh2-h1 17.Bc2-b1 Kh1-g1 18.Bb1-c2 Rg1-f1 19.Bc2-b1 Rf1-f2 20.Bb1-c2 Rf2-f3 21.Rf3-g3 Rg3-h3 22.Bc2-b1 Rh3-h2 23.Bb1-c2 Kh2-h1 24.Bc2-b1 Rh1-g1 25.Bb1-c2 Kg1-h2 26.Bc2-b1 Rh2-h1 27.Bb1-c2 Kh1-g1 28.Bc2-b1 Rg1-f1 29.Bb1-c2 Rf1-f2 30.Rf2-f3 Rf3-g3 31.Bc2-b1 Rg3-h3 32.Bb1-c2 Rh3-h2 33.Bc2-b1 Kh2-h1 34.Bb1-c2 Rh1-g1 35.Bc2-b1 Rg1-f1 36.Rf1-f2 Bf2-e1 37.Re1-f1 Rf1-g1 38.Bb1-c2 Rg1-h1 39.Bc2-b1 Kh1-h2 40.Bb1-c2 Rh2-h3 41.Bc2-b1 Rh3-g3 42.Bb1-c2 Bg3-f2 43.Bc2-b1 Rf2-f1 44.Bb1-c2 Rf1-g1 45.Bc2-b1 Kg1-h1 46.Bb1-c2 Rh1-h2 47.Bc2-b1 Kh2-g1 48.Bb1-c2 Rg1-h1 49.Bc2-b1 Kh1-h2 50.Bb1-c2 Rh2-h3 51.h3-h4 Bh4-g3 52.Bc2-b1 ... and then non-determined 52....Rg3-f3 (or 52....Bb3-h4 53.Bb1-c2 Bh4-g3 ...) 53.Bb1-c2 Rf3-f2 54.Bc2-b1 Rf2-f1 55.Bb1-c2 Rf1-g1 56.Bc2-b1 Kg1-h1 57.Bb1-c2 Rh1-h2 58.h2-h3 Rh3-g3 59.Bc2-b1 Bg3-h4 60.Bb1-c2 Rh8-h3 etc...

100 single moves have been played after 51.h3-h4 and the diagram position is draw. 103 last single moves are determined (from 1.Bc2-b1 to 52.Bc2-b1).

Note that this problem is the a) part of the D25, where it is Black to move. Surprisingly the same diagram fills two cells of the table.

B28 - Thierry Le Gleuher

retro : 1.g5-g6 g4-g3 2.Ng3-h1+ c6-c5 3.Kh1-g1 c7-c6 4.Qg1-f1 Rf1-e1 5.Re1-d1 Bd1-e2 6.Re2-f2 Rf2-f1 7.Rf1-e1 Qe1-d2 8.Rd2-e2 Be2-d1 9.Rd1-d2 Bd2-c1 10.Rc1-d1 Qd1-e1 11.Re1-f1 Bf1-e2 12.Re2-e1 Be1-d2 13.Rd2-e2 Qe2-d1 14.Rd1-c1 Rc1-c2 15.Rc2-d2 Bd2-e1 16.Re1-d1 Qd1-e2 17.Re2-e1 Be1-d2 18.Rd2-c2 Qc2-d1 19.Rd1-d2 Bd2-e1 20.Re1-e2 Be2-f1 21.Rf1-e1 Be1-d2 22.Rd2-d1 Bd1-e2 23.Re2-d2 Bd2-e1 24.Re1-f1 Rf1-f2 25.Rf2-e2 Be2-d1 26.Rd1-e1 Be1-d2 27.Rd2-d1 Bd1-e2 28.Re2-f2 Bf2-e1 29.Re1-e2 Be2-d1 30.Rd1-e1 Re1-f1 31.Qf1-g1 Bg1-f2 32.Qf2-f1 Rf1-e1 33.Re1-d1 Qd1-c2 34.Rc2-d2 Qd2-d1 35.Rd1-e1 Qe1-d2 36.Rd2-d1 Rd1-c1 37.Rc1-c2 Bc2-b1 38.Rb1-c1 Rc1-d1 39.Rd1-d2 Qd2-e1 40.Qe1-f2 Rf2-f1 41.Qf1-e1 Qe1-d2 42.Rd2-d1 Qd1-e1 43.Qe1-f1 Bf1-e2 44.Re2-d2 Qd2-d1 45.Qd1-e1 Qe1-d2 46.Qd2-d1 Bd1-c2 47.Qc2-d2 Qd2-e1 48.Re1-e2 Be2-d1 49.Qd1-c2 Qc2-d2 50.Qd2-d1 Rd1-c1 51.Rc1-b1 Qb1-c2 52.Nc2-a1 Qa1-b1 53.Bb1-a2 a2-a1=Q 54.Na1-c2 a3-a2

99 single moves have been played from 53.Bb1-a2 to 4.Qg1-f1.

C3a - Niels Høeg

retro: 1.h4-h5+

C3b - Niels Høeg

retro: 1.c7-c8=B+

C4a - Niels Høeg

1.d5×Pe6 e.p.+ e7-e5 2.d4-d5+

C4b - Niels Høeg

Retro: 1. f4×Pe3 e.p.+ e2-e4 2.f5-f4+

C7 - Nenad Petrović

retro: 1.d5×Pe6 e.p. e7-e5 2.d4-d5+ Ke6×Pf6 3.e5×Pf6 e.p.+ f7-f5

C8 - Nenad Petrović

retro: 1.d5×Pe6 e.p.+ e7-e5 2.d4-d5+ Kg6×Pf6 3.g5×Pf6 e.p.+ f7-f5+ 4.d3-d4+

C10 - Nenad Petrović

retro: 1.d7-d8=B+ Kf6-e7 2.d5×Pe6 e.p.+ e7-e5 3.d4-d5+ Ke6×Pf6 4.e5×Pf6 e.p.+ f7-f5

C11 - Nenad Petrović

retro: 1.d7-d8=B+ Kf6-e7 2.d5×Pe6 e.p.+ e7-e5 3.d4-d5+ Kg6×Pf6 4.g5×Pf6 e.p.+ f7-f5 5.d3-d4+

C13 - Nikita Plaksin & Alexandre Kisljak

retro: 1.g5×Pf6 e.p.# f7-f5 2.g4-g5+ Ke6-d7 3.c5×Pd6 e.p.+ d7-d5 4.c4-c5+ Kf6×Pe6 5.f5×Pe6 e.p.++ e7-e5 6.c3-c4+

C14 - Nikita Plaksin & Alexandre Kisljak

retro: 1.g5×Pf6 e.p.# f7-f5 2.g4-g5+ Ke6-d7 3.c5×Pd6 e.p.+ d7-d5 4.c4-c5+ Kf6×Pe6 5.f5×Pe6 e.p.++ e7-e5 6.c3-c4+ Kg6-f6

C15 - Dmitrij Baibikov

retro: 1...Ka5-b5+ 2.b3-b4+ h3-h2 3.Nd7-b8 h4-h3 4.Nf6-d7 h5-h4 5.Ng8-f6 h6-h5 6.g7-g8=N h7-h6 7.h6×Ng7 Ne6-g7 8.h5-h6 Nc5-e6 9.h4-h5 Na4-c5 10.h3-h4 Kb5-a5 11.h2-h3

C16 - Dmitrij Baibikov

retro: 1...Ka5-b5+ 2.b3-b4+ h2-h1=B 3.Nd2-b1 h3-h2 4.Ne4-d2 h4-h3 5.Nf6-e4 h5-h4 6.Ng8-f6 h6-h5 7.g7-g8=N h7-h6 8.h6×Ng7 Ne6-g7 9.h5-h6 Nc5-e6 10.h4-h5 Na4-c5 11.h3-h4 Kb5-a5 12.h2-h3

C18 - Dmitrij Baibikov

retro: 1...Ka5-b5+ 2.b3-b4+ h2-h1=B 3.Nd2-b1 h3-h2 4.Ne4-d2 h4-h3 5.Nf6-e4 h5-h4 6.Ng8-f6 h6-h5 7.g7-g8=N h7-h6 8.h6×Ng7 Ne6-g7 9.h5-h6 Nc5-e6 10.h4-h5 Na4-c5 11.h3-h4 Kb5-a5 12.h2-h3 Ra5-a6 13.a6-a7

C19a - Dmitrij Baibikov

retro: 1.b3-b4# g3-g2 2.Nf4-e2 g4-g3 3.Ng6-f4 g5-g4 4.Nh8-g6 g6-g5 5.h7-h8=N g7-g6 6.g6×Bh7 Bg8-h7 7.g5-g6 Bh7-g8 8.g4-g5 Bg6-h7 9.g3-g4 Bh5-g6 10.g2-g3 Bf3×Ph5 11.h4-h5 Bb7-f3 12.h3-h4 Bc8-b7 13.h2-h3 b7-b6

C19b - Dmitrij Baibikov

retro: 1.Qb8×Rb7# g3-g2 2.Ng6-e5 g4-g3 3.Nh8-g6 g6-g5 4.h7-h8=N g5-g4 5.h6-h7 h7×Ng6 6.Ne5-g6 g6-g5 7.Nc4-e5 g7-g6 8.Na5-c4 Rb5-b7 9.Nb7-a5+ Ra5-b5 10.h5-h6 Ra1-a5 11.h4-h5 a2-a1=R 12.h3-h4 a3-a2 13.h2-h3 a4-a3

C20 - Dmitrij Baibikov

retro: 1...a2-a1=N+ 2.Ne7-g8 e3-e2 3.Ng6-e7 e4-e3 4.Nf8-g6 e5-e4 5.f7-f8=N e6-e5 6.f6-f7 f7×Ne6
7.Nc5-e6 Rg4-a4 8.Na4-c5+ Rg1-g4 9.h4-h5 g2-g1=R 10.h3-h4 g3-g2 11.g2×Bh3 Bg4-h3 12.f5-f6
Bf3-g4 13.f4-f5 Bb7-f3 14.f3-f4 Bc8-b7 15.f2-f3 b7-b6

C21 - Dmitrij Baibikov

retro: 1.Qb8×Rb7# Ng6-h8 2.c2-c3 Nf8-g6 3.Ne5-d7 Nd7-f8+ 4.Ng6-e5 g4-g3 5.Nh8-g6 g6-g5 6.h7-
h8=N g5-g4 7.h6-h7 h7×Ng6 8.Ne5-g6 g6-g5 9.Nc4-e5 g7-g6 10.Na5-c4 Rb5-b7 11.Nb7-a5+ Ra5-
b5 12.h5-h6 Ra1-a5 13.h4-h5 a2-a1=R 14.h3-h4 a3-a2 15.h2-h3 a4-a3

C22 - Dmitrij Baibikov

retro: 1...Qb8×Nb7# 2.Qh4-f2 g3-g2 3.Qh8-h4 g4-g3 4.h7-h8=Q g5-g4 5.h6-h7 g6-g5 6.g5×Nh6
Nf5-h6 7.g4-g5 Ne3-f5 8.g3-g4 Nc4-e3 9.Na4-b6 Nb6-c4+ 10.Nc3-a4 h3-h2 11.Ne4-c3 h4-h3 12.Nf6-
e4 h5-h4 13.Ng8-f6 h6-h5 14.g7-g8=N h7-h6 15.h6×Ng7 Nf5-g7 16.h5-h6 Ne3-f5 17.h4-h5 Nc4-e3
18.h3-h4 Na5-c4 19.Nd8-b7 Nb7-a5+ 20.Nf7-d8 f4-f3 21.Nh6-f7 f5-f4 22.Ng8-h6 f6-f5 23.g7-g8=N
f7-f6 24.f6×Ng7 Nf5-g7 25.h2-h3 Ne3-f5 26.f5-f6 Nc2-e3 27.f4-f5 Na1-c2 28.f3-f4 a2-a1=N 29.f2-f3
a3-a2 30.a2×Rb3 Ka4-b4 31.c4-c5

C24 - Thierry Le Gleuher

1... R×Qf1+ 2.Qg1-f1 Rf1-e1 3.Re1-d1 Bd1-e2 4.Re2-f2 Rf2-f1 5.Rf1-e1 Qe1-d2 6.Rd2-e2 Be2-d1
7.Rd1-d2 Bd2-c1 8.Rc1-d1 Qd1-e1 9.Re1-f1 Bf1-e2 10.Re2-e1 Be1-d2 11.Rd2-e2 Qe2-d1 12.Rd1-c1
Rc1-c2 13.Rc2-d2 Bd2-e1 14.Re1-d1 Qd1-e2 15.Re2-e1 Be1-d2 16.Rd2-c2 Qc2-d1 17.Rd1-d2 Bd2-
e1 18.Re1-e2 Be2-f1 19.Rf1-e1 Be1-d2 20.Rd2-d1 Bd1-e2 21.Re2-d2 Bd2-e1 22.Re1-f1 Rf1-f2
23.Rf2-e2 Be2-d1 24.Rd1-e1 Be1-d2 25.Rd2-d1 Bd1-e2 26.Re2-f2 Bf2-e1 27.Re1-e2 Be2-d1 28.Rd1-
e1 Re1-f1 29.Qf1-g1 Bg1-f2 30.Qf2-f1 Rf1-e1 31.Re1-d1 Qd1-c2 32.Rc2-d2 Qd2-d1 33.Rd1-e1 Qe1-
d2 34.Rd2-d1 Rd1-c1 35.Rc1-c2 Bc2-b1 36.Rb1-c1 Rc1-d1 37.Rd1-d2 Qd2-e1 38.Qe1-f2 Rf2-f1
39.Qf1-e1 Qe1-d2 40.Rd2-d1 Qd1-e1 41.Qe1-f1 Bf1-e2 42.Re2-d2 Qd2-d1 43.Qd1-e1 Qe1-d2
44.Qd2-d1 Bd1-c2 45.Qc2-d2 Qd2-e1 46.Re1-e2 Be2-d1 47.Qd1-c2 Qc2-d2 48.Qd2-d1 Rd1-c1
49.Rc1-b1 Qb1-c2 50.Nc2-a1 Qa1-b1 51.Bb1-a2 a2-a1=Q
99 single moves have been played from 51.Bb1-a2 to 2.Qg1-f1.

C27 - Thierry Le Gleuher

retro: 1. ... Re1×Qf1+ 2.g5-g6 g4-g3 3.Ng3-h1+ c6-c5 4.Kh1-g1 c7-c6 5.Qg1-f1 Rf1-e1 6.Re1-d1
Bd1-e2 7.Re2-f2 Rf2-f1 8.Rf1-e1 Qe1-d2 9.Rd2-e2 Be2-d1 10.Rd1-d2 Bd2-c1 11.Rc1-d1 Qd1-e1
12.Re1-f1 Bf1-e2 13.Re2-e1 Be1-d2 14.Rd2-e2 Qe2-d1 15.Rd1-c1 Rc1-c2 16.Rc2-d2 Bd2-e1
17.Re1-d1 Qd1-e2 18.Re2-e1 Be1-d2 19.Rd2-c2 Qc2-d1 20.Rd1-d2 Bd2-e1 21.Re1-e2 Be2-f1
22.Rf1-e1 Be1-d2 23.Rd2-d1 Bd1-e2 24.Re2-d2 Bd2-e1 25.Re1-f1 Rf1-f2 26.Rf2-e2 Be2-d1 27.Rd1-
e1 Be1-d2 28.Rd2-d1 Bd1-e2 29.Re2-f2 Bf2-e1 30.Re1-e2 Be2-d1 31.Rd1-e1 Re1-f1 32.Qf1-g1 Bg1-
f2 33.Qf2-f1 Rf1-e1 34.Re1-d1 Qd1-c2 35.Rc2-d2 Qd2-d1 36.Rd1-e1 Qe1-d2 37.Rd2-d1 Rd1-c1
38.Rc1-c2 Bc2-b1 39.Rb1-c1 Rc1-d1 40.Rd1-d2 Qd2-e1 41.Qe1-f2 Rf2-f1 42.Qf1-e1 Qe1-d2
43.Rd2-d1 Qd1-e1 44.Qe1-f1 Bf1-e2 45.Re2-d2 Qd2-d1 46.Qd1-e1 Qe1-d2 47.Qd2-d1 Bd1-c2
48.Qc2-d2 Qd2-e1 49.Re1-e2 Be2-d1 50.Qd1-c2 Qc2-d2 51.Qd2-d1 Rd1-c1 52.Rc1-b1 Qb1-c2
53.Nc2-a1 Qa1-b1 54.Bb1-a2 a2-a1=Q 55.Na1-c2 a3-a2
99 single moves have been played from 54.Bb1-a2 to 5.Qg1-f1.

D8 - Wolfgang Dittmann

retro: a) 1.g2-g3 b) 1...f3-f2

D10 - Andrew Buchanan

retro: a) 1.Rb1×Na1 Nb3-a1 b) 1...Rb1×Nc1 2.Nb3-c1

D13 - Dmitrij Baibikov

retro: a) 1.Rb1×Na1 Nb3-a1 2.Ra1-b1 b) 1...Rb1×Nc1 2.Nb3-c1 Rc1-b1

D15 - Dmitrij Baibikov

retro: a) 1.Ne7-g6 f4-f3 2.Ng8-e7 f5-f4 3.g7-g8=N f7-f5 4.f6×Ng7 Ne6-g7 5.f5-f6 Nc5-e6 6.f4-f5 Na4-c5 7.f3-f4 Kb5-a5 8.f2-f3

b) 1...f4-f3 2.Ne7-g6 f5-f4 3.Ng8-e7 f6-f5 4.g7-g8=N f7-f6 5.f6×Ng7 Ne6-g7 6.f5-f6 Nc5-e6 7.f4-f5 Na4-c5 8.f3-f4 Kb5-a5 9.f2-f3

D16 - Dmitrij Baibikov

retro: a) 1.Nd7-b8 h3-h2 2.Nf6-d7 h4-h3 3.Ng8-f6 h5-h4 4.g7-g8=N h7-h5 5.h6×Ng7 Ne6-g7 6.h5-h6 Nc5-e6 7.h4-h5 Na4-c5 8.h3-h4 Kb5-a5 9.h2-h3

b) 1...h3-h2 2.Nd7-b8 h4-h3 3.Nf6-d7 h5-h4 4.Ng8-f6 h6-h5 5.g7-g8=N h7-h6 6.h6×Ng7 Ne6-g7 7.h5-h6 Nc5-e6 8.h4-h5 Na4-c5 9.h3-h4 Kb5-a5 10.h2-h3

D17 - Dmitrij Baibikov

retro: a) 1.h6-h7 Ne5-d7 2.h5-h6 Nf3-e5 3.h4-h5 Ng1-f3 4.h3-h4 g2-g1=N 5.h2-h3 h3×Ng2 6.Ne3-g2 h4-h3 7.Nc4-e3 h5-h4 8.Na5-c4 h6-h5 9.Kb4-a4 h7-h6 10.Ra4-a3 Ra3-a2

b) 1...Ne5-d7 2.h6-h7 Nf3-e5 3.h5-h6 Ng1-f3 4.h4-h5 g2-g1=N 5.h2-h4 h3×Ng2 6.Ne3-g2 h4-h3 7.Nc4-e3 h5-h4 8.Na5-c4 h6-h5 9.Kb4-a4 h7-h6 10.Ra4-a3 Ra3-a2

D19 - Dmitrij Baibikov

retro: a) 1.Nf4-e2 g3-g2 2.Ng6-f4 g4-g3 3.Nh8-g6 g5-g4 4.h7-h8=N g7-g5 5.g6×Bh7 Bg8-h7 6.g5-g6 Bh7-g8 7.g4-g5 Bg6-h7 8.g3-g4 Bh5-g6 9.g2-g3 Bf3×Ph5 10.h4-h5 Bb7-f3 11.h3-h4 Bc8-b7 12.h2-h3 b7-b6

b) 1...g3-g2 2.Nf4-e2 g4-g3 3.Ng6-f4 g5-g4 4.Nh8-g6 g6-g5 5.h7-h8=N g7-g6 6.g6×Bh7 Bg8-h7 7.g5-g6 Bh7-g8 8.g4-g5 Bg6-h7 9.g3-g4 Bh5-g6 10.g2-g3 Bf3×Ph5 11.h4-h5 Bb7-f3 12.h3-h4 Bc8-b7 13.h2-h3 b7-b6

D22 - Dmitrij Baibikov

retro: a) 1.h7-h8=B Na4-b6 2.h6-h7 Nc3-a4 3.h5-h6 Ne2-c3 4.h4-h5 Ng1-e2 5.h3-h4 g2-g1=N 6.h2-h3 h3×Ng2 7.Ne3-g2 h4-h3 8.Nc4-e3 h5-h4 9.Na5-c4 Rb5-b7 10.Nb7-a5+ Ra5-b5 11.g4-g5 Ra1-a5 12.g3-g4 a2-a1=R 13.g2-g3 a3-a2

b) 1...Na4-b6 2.h7-h8=B Nc3-a4 3.h6-h7 Ne2-c3 4.h5-h6 Ng1-e2 5.h4-h5 g2-g1=N 6.h2-h4 h3×Ng2 7.Ne3-g2 h4-h3 8.Nc4-e3 h5-h4 9.Na5-c4 Rb5-b7 10.Nb7-a5+ Ra5-b5 11.g4-g5 Ra1-a5 12.g3-g4 a2-a1=R 13.g2-g3 a3-a2

D24 - Dmitrij Baibikov

retro: a) 1.Na4-b6 Nb6-c4+ 2.Nc3-a4 h2-h1=B 3.Ne4-c3 h3-h2 4.Nf6-e4 h4-h3 5.Ng8-f6 h5-h4 6.g7-g8=N h7-h5 7.h6×Ng7 Nf5-g7 8.h5-h6 Ne3-f5 9.h4-h5 Nc4-e3 10.h3-h4 Na5-c4 11.Nd8-b7 Nb7-a5+ 12.Nf7-d8 f4-f3 13.Nh6-f7 f5-f4 14.Ng8-h6 f6-f5 15.g7-g8=N f7-f6 16.f6×Ng7 Nf5-g7 17.h2-h3 Ne3-f5 18.f5-f6 Nc2-e3 19.f4-f5 Na1-c2 20.f3-f4 a2-a1=N 21.f2-f3 a3-a2 22.a2×Rb3 Ka4-b4 23.c4-c5

b) 1...h2-h1=B 2.Na4-b6 Nb6-c4+ 3.Nc3-a4 h3-h2 4.Ne4-c3 h4-h3 5.Nf6-e4 h5-h4 6.Ng8-f6 h6-h5 7.g7-g8=N h7-h6 8.h6×Ng7 Nf5-g7 9.h5-h6 Ne3-f5 10.h4-h5 Nc4-e3 11.h3-h4 Na5-c4 12.Nd8-b7 Nb7-a5+ 13.Nf7-d8 f4-f3 14.Nh6-f7 f5-f4 15.Ng8-h6 f6-f5 16.g7-g8=N f7-f6 17.f6×Ng7 Nf5-g7 18.h2-h3 Ne3-f5 19.f5-f6 Nc2-e3 20.f4-f5 Na1-c2 21.f3-f4 a2-a1=N 22.f2-f3 a3-a2 23.a2×Rb3 Ka4-b4 24.c4-c5

D25 - Thierry Le Gleuher

a) retro: 1.Bc2-b1 Kg1-f1 2.Bb1-c2 Rf1-f2 3.Bc2-b1 Rf2-f3 4.Bb1-c2 Rf3-g3 5.Bc2-b1 Rg3-h3 6.Rh3-h2 Rh2-h1 7.Bb1-c2 Kh1-g1 8.Bc2-b1 Rg1-f1 9.Bb1-c2 Rf1-f2 10.Bc2-b1 Rf2-f3 11.Bb1-c2 Rf3-g3 12.Rg3-h3 Rh3-h2 13.Bc2-b1 Kh2-h1 14.Bb1-c2 Rh1-g1 15.Bc2-b1 Kg1-h2 16.Bb1-c2 Rh2-h1 17.Bc2-b1 Kh1-g1 18.Bb1-c2 Rg1-f1 19.Bc2-b1 Rf1-f2 20.Bb1-c2 Rf2-f3 21.Rf3-g3 Rg3-h3 22.Bc2-

b1 Rh3-h2 23.Bb1-c2 Kh2-h1 24.Bc2-b1 Rh1-g1 25.Bb1-c2 Kg1-h2 26.Bc2-b1 Rh2-h1 27.Bb1-c2 Kh1-g1 28.Bc2-b1 Rg1-f1 29.Bb1-c2 Rf1-f2 30.Rf2-f3 Rf3-g3 31.Bc2-b1 Rg3-h3 32.Bb1-c2 Rh3-h2 33.Bc2-b1 Kh2-h1 34.Bb1-c2 Rh1-g1 35.Bc2-b1 Rg1-f1 36.Rf1-f2 Bf2-e1 37.Re1-f1 Rf1-g1 38.Bb1-c2 Rg1-h1 39.Bc2-b1 Kh1-h2 40.Bb1-c2 Rh2-h3 41.Bc2-b1 Rh3-g3 42.Bb1-c2 Bg3-f2 43.Bc2-b1 Rf2-f1 44.Bb1-c2 Rf1-g1 45.Bc2-b1 Kg1-h1 46.Bb1-c2 Rh1-h2 47.Bc2-b1 Kh2-g1 48.Bb1-c2 Rg1-h1 49.Bc2-b1 Kh1-h2 50.Bb1-c2 Rh2-h3 51.h3-h4 Bh4-g3 52.Bc2-b1 ... and then non-determined 52....Rg3-f3 (or 52....Bb3-h4 53.Bb1-c2 Bh4-g3 ...) 53.Bb1-c2 Rf3-f2 54.Bc2-b1 Rf2-f1 55.Bb1-c2 Rf1-g1 56.Bc2-b1 Kg1-h1 57.Bb1-c2 Rh1-h2 58.h2-h3 Rh3-g3 59.Bc2-b1 Bg3-h4 60.Bb1-c2 Rh8-h3 etc...

100 single moves have been played after 51.h3-h4 and the diagram position is draw. 103 last single moves are determined (from 1.Bc2-b1 to 52.Bc2-b1). (also registered in B25)

b) retro: 1.... Kg1-f1 2.Bc2-b1 Rf1-f2 3.Bb1-c2 Rf2-f3 4.Bc2-b1 Rf3-g3 5.Bb1-c2 Rg3-h3 6.Rh3-h2 Rh2-h1 7.Bc2-b1 Kh1-g1 8.Bb1-c2 Rg1-f1 9.Bc2-b1 Rf1-f2 10.Bb1-c2 Rf2-f3 11.Bc2-b1 Rf3-g3 12.Rg3-h3 Rh3-h2 13.Bb1-c2 Kh2-h1 14.Bc2-b1 Rh1-g1 15.Bb1-c2 Kg1-h2 16.Bc2-b1 Rh2-h1 17.Bb1-c2 Kh1-g1 18.Bc2-b1 Rg1-f1 19.Bb1-c2 Rf1-f2 20.Bc2-b1 Rf2-f3 21.Rf3-g3 Rg3-h3 22.Bb1-c2 Rh3-h2 23.Bc2-b1 Kh2-h1 24.Bb1-c2 Rh1-g1 25.Bc2-b1 Kg1-h2 26.Bb1-c2 Rh2-h1 27.Bc2-b1 Kh1-g1 28.Bb1-c2 Rg1-f1 29.Bc2-b1 Rf1-f2 30.Rf2-f3 Rf3-g3 31.Bb1-b2 Rg3-h3 32.Bc2-b1 Rh3-h2 33.Bb1-c2 Kh2-h1 34.Bc2-b1 Rh1-g1 35.Bb1-c2 Rg1-f1 36.Rf1-f2 Bf2-e1 37.Re1-f1 Rf1-g1 38.Bc2-b1 Rg1-h1 39.Bb1-c2 Kh1-h2 40.Bc2-b1 Rh2-h3 41.Bb1-c2 Rh3-g3 42.Bc2-b1 Bg3-f2 43.Bb1-c2 Rf2-f1 44.Bc2-b1 Rf1-g1 45.Bb1-c2 Kg1-h1 46.Bc2-b1 Rh1-h2 47.Bb1-c2 Kh2-g1 48.Bc2-b1 Rg1-h1 49.Bb1-c2 Kh1-h2 50.Bc2-b1 Rh2-h3 51.h3-h4 Bh4-g3 52.Bb1-c2 ...

99 single moves have been played after 51.h3-h4 and 102 last single moves are determined (from 1.... Kg1-f1 to 52.Bc2-b1).

E15a - Andrey Frolkin & Andrey Kornilov

White: Kh8, Qe8, Nf8 (3) – Black: Ke6, Qc6, d7, e4, f7, g6, Nc5, c7, d4, f4, g5, g7 (12)

retro: 1.e7×Bf8=N+

E15b - Andrey Frolkin & Andrey Kornilov

White Ka4, Qf8, Ne8 (3) – Black: Kf6, Qe5, e6, e7, g5, g6, g7, Nd5, e4, g4, h5, h7 (12)

retro: 1.f7×Re8=N+

E17 - Dmitrij Baibikov

White: Rh6, Bh8, Pd6, d7, e5, e6, e7, g2, g7, h3 (10) – Black: Kg4, Pf4, f5, f6, f7, g6, h7 (7)

retro: 1.h2-h3+ Kh4-g4

E19 - Dmitrij Baibikov

White: Kg3, Bg8, Nb6, Pc7, d6, d7, e6, f7, g5, g7, h2 (11) – Black: Kd8, Pc5, e5, e7, f5, f6, g6, h7 (8)

retro: 1.c6-c7# Kc7-d8 2.d5-d6+

E23 - Dmitrij Baibikov

White: Kf6, Be5, Ng4, h7, Pc3, c6, c7, e2, e7, f3, g5, g7 (12)

Black: Ke4, Bh4, h6, Nf8, Pd5, d6, d7, e6, f5, g3, g6 (11)

retro: 1.f2-f3# Kf4-e4 2.Bd4-e5+ Ke4-f4

E28 - Dmitrij Baibikov

White: Kb6, Qa6, Rb5, c6, Ba4, Na8, Pb2, b3, c7, d7, e2, f6, g3, g7 (14)

Black: Ke6, Ra5, a7, Bd8, e8, Nb7, c3, Pb4, c5, d6, e7, f7, g6, h2 (14)

retro: 1...Kd5-e6 2.f5-f6 h3-h2 3.f4-f5 h4-h3 4.f3-f4 h5-h4 5.f2-f3 h7-h5 6.h6×Qg7 Qd4-g7 7.h5-h6 Qd1-d4 8.h4-h5 Qa1-d1 9.h3-h4 a2-a1=Q 10.h2-h3 a3-a2 11.a2×Qb3

E29 - Dmitrij Baibikov

White: Kb6, Qb7, Rb5, c6, Ba4, a7, Na8, c8, Pb2, b3, d3, d7, e2, f6, g3, g7 (16)

Black: Kd1, Ra5, c7, Bb8, e8, Na6, h1, Pb4, c5, d6, e7, f7, g6 (13)

retro: 1...h2-h1=N 2.f5-f6 h3-h2 3.f4-f5 h4-h3 4.f3-f4 h5-h4 5.f2-f3 h7-h5 6.h6×Qg7 Qc3-g7 7.h5-h6 Qc1-c3 8.h4-h5 Qa1-c1 9.h3-h4 a2-a1=Q 10.h2-h3 a3-a2 11.a2×Qb3 Qc2-b3 12.Bb3-a4

F4a - Andrey Frolkin & Andrey Kornilov

White: Ke7, Bf8, Ng8 (3) – Black: Kh6 (1)

retro: 1.g7-g8=N+

F4b - Gideon Husserl

White: Kh7, Qg8, Nf8 (3) – Black: Ke6 (1)

retro: 1.f7-f8=N+

F4c - Henri Nouguier

White: Kg8, Qh8 (2) – Black: Kh6, Bg7 (2)

retro: 1.h7-h8=Q+

F5 - Andrey Frolkin & Andrey Kornilov

White: Kg3, Rh3, Bf4, Pg6 (4) – Black: Kh6 (1)

retro: 1.h5×Pg6 e.p.++ g7-g5

F6 - Nikolaj Burljaev

White: Kd3 (1) – Black: Kb7, Rd7, Ba6, Pb4, c3 (5)

retro: 1...d4×Pc3 e.p.++ 2.c2-c4 b5-b4+

F24 - Andrey Kornilov

White: Kg4, Qg3, h4, Rf4, Bf8, h3, h5, Nf2, f3, h2, Pe4, e7, g2, g6, h6 (15)

Black: Kf6, Rf7, Pa3, b7, c7, d6, e5, e6, h7 (9)

retro: 1.f5×Pg6 e.p.# g7-g5 2.Ng5-f3+ a4-a3 3.Kf3-g4 a5-a4 4.Rg4-f4 a6-a5 5.f4-f5 Kf5-f6 6.e3-e4+

F27 - Dmitrij Baibikov

White: Kc8, Qb7, Ra5, Ba4, Na6, a7, Pb2, b3, c7, d7, e2, g3, g7, h2 (14)

Black: Kb6, Rb5, c6, Bd8, e8, Na8, Pb4, c5, d6, e7, f7, g6, h5 (13)

retro: 1.Qb8×Nb7# h7-h5 2.f6×Qg7 Qh6-g7 3.f5-f6 Qc1-h6 4.f4-f5 Qa1-c1 5.f3-f4 a2-a1=Q 6.f2-f3 a3-a2 7.a2×Qb3

F28 - Dmitrij Baibikov

White: Kb8, Qb7, Ra5, a7, Ba4, Na6, Pb2, b3, c7, d7, e3, f6, g2, g7 (14)

Black: Kb6, Rb5, c6, Bd8, e8, h1, Nc3, c8, Pb4, c5, d6, e7, f7, g6 (14)

retro: 1.Qa8-b7+ h2-h1=B 2.f5-f6 h3-h2 3.f4-f5 h4-h3 4.f3-f4 h5-h4 5.f2-f3 h7-h5 6.h6×Qg7 Qd4-g7 7.h5-h6 Qd1-d4 8.h4-h5 Qa1-d1 9.h3-h4 a2-a1=Q 10.h2-h3 a3-a2 11.a2×Qb3

F29 - Dmitrij Baibikov

White: Kb6, Qa5, Rb5, c3, c6, Ba4, c7, Na8, Pb2, b3, c2, d3, e4, f2, g2 (15)

Black: Kc8, Qb7, Rd7, Bd8, e8, Na6, a7, Pb4, c5, d6, e7, f7, g4, h3 (14)

retro: 1...Qb8×Nb7# 2.Rc4-c3 h4-h3 3.Rd4-c4 h5-h4 4.Rd5-d4 h6-h5 5.Rg5-d5 h7-h6 6.Rg8-g5 g5-g4 7.g7-g8=R g6-g5 8.h6×Qg7 Qc3-g7 9.h5-h6 Qe1-c3 10.h4-h5 Qa1-e1 11.h3-h4 a2-a1=Q 12.h2-h3 a3-a2 13.a2×Rb3 Rc3-b3 14.Bb3-a4 Rc4-c3

I – Hugo August

retro: 1.Nf6-g4 h3-h2 2.Qa4-a2 a2-a1=N 3.Qe8-a4 a3-a2 4.e7-e8=Q a4-a3 5.e6-e7 a5-a4 6.e5-e6 a6-a5 7.e4-e5 a7-a6 8.e2-e4 e3×Bf2 9.Kg1-f1 e4-e3 10.Be3-f2 e5-e4 11.Bc1-e3 e6-e5 12.Re3-d3 e7-e6 13.Ne6-d8 d2-d1=B 14.Qd8-d4 d3-d2 15.d7-d8=Q d4-d3 16.d6-d7 c5×Rd4 17.Ra4-d4 c6-c5 18.Ra1-a4 c7-c6 19.a2×Pb3 b4-b3 20.d5-d6 b5-b4 21.d4-d5 b6-b5 22.d2-d4 d3×Bc2 23.f2-f3 d4-d3 24.Be4-c2 d5-d4 25.Bg2-e4 d6-d5 26.Bf1-g2 d7-d6 27.g2-g3 Bg3-h4 ...

The last 54 single moves are determined.

II – Pascal Wassong

retro: 1. ...Bb8-a7# 2.Qa3-a2 f4-f3 3.Ra2-b2 Qb2-c1 4.Rc1-b1 Qb1-b2 5.Rb2-a2 Qa2-b1 6.Rb1-b2 Qb2-a2 7.Qa2-a3 Qa3-b2 8.Rb2-b1 f5-f4 9.Qb1-a2 Qa2-a3 10.h7-h8=B Qa3-a2 11.Ra2-b2 Qb2-a3 12.Ra3-a2 Qa2-b2 13.h6-h7 Qb2-a2 14.Qa2-b1 Qb1-b2 15.h5-h6 Qb2-b1 16.Rb1-c1 Qc1-b2 17.Rb2-b1 Qb1-c1 18.h4-h5 Qc1-b1 19.Qb1-a2 f6-f5 20.Ra2-b2 Qb2-c1 21.Qc1-b1 Qb1-b2 22.Rb2-a2 Qa2-b1 23.Rb1-b2 Qb2-a2 24.Ra2-a3 Qa3-b2 25.Rb2-a2 a2-a1=N 26.Ra1-b1 f7-f6 27.Rb1-b2 Qb2-a3 28.h3-h4 a3-a2 and non-determined ... 29.a2×Bb3 Bc4-b3 30.b3×Na4 Nb6-a4+ 31.h2-h3 Ba7-b8 32.Nb8-a6 Bb5-c4 33.Na6-b8 a4-a3 34.Nb8-a6 a5-a4 35.Nb8-a6 Qa3-b2 36.Na6-b8 Qa4-a3 37.Qa3-c1 a6-a5 38.Rc1-b1 Qa5-a4 39.Qa4-a3 Kb2-c3 ... or ... 29.a2×Nb3 Na5-b3+ 30.h2-h3 Qb3-b2 31.Rb2-b1 Nc4-a5 32.Rb1-b2 Nb6-c4 33.Rb2-b1 Ba7-b8 34.Rb1-b2 Qb2-b3 35.b3×Ba4 Bb5-a4 36.Nb8-a6 a4-a3 ...

The last 55 single moves are determined.

III - Dmitrij Baibikov

retro: 1. ...Bd8×Ne7 2.c4-c5 b4-b3 3.b3×Nc4 Ne5-c4 4.Qh5-f7 Nf7-e5+ 5.Qb5-h5 a3-a2 6.Qb8-b5 a4-a3 7.b7-b8=Q a5-a4 8.c6×Rb7 Rb5-b7 9.b2-b3 Rg5-b5 10.Qh6-g7 Rg7-g5+ 11.Qh5-h6+ a6-a5 12.Qb5-h5 a7-a6 13.Qb8-b5 b5-b4 14.b7-b8=Q b6-b5 15.a6×Nb7 Na5-b7 16.c5-c6 Nc6-a5 17.Nf5-e7 Ne7-c6+ 18.c4-c5 Qg4-g3 19.Ng3-f5+ Qh5-g4 20.c3-c4 Qa5-h5 21.c2-c3 Qe1-a5 22.a5-a6 e2-e1=Q 23.a4-a5 e3-e2 24.a3-a4 e4-e3 25.a2-a3 f5×Be4 26.Bd3-e4 b7-b6 27.Bf1-d3 Kg4-f4 28.e2×Bf3...

The last 54 single moves are determined.

References

Type A

- A07a - N. Høeg, T.R. Dawson, H. August, O. Brennert & V. Onitiu** – Vilhelm Røpke TT Skakbladet, 1924
- A07b - Vilhelm Røpke** – Vilhelm Røpke TT Skakbladet, 1924
- A08 - Niels Høeg** – Vilhelm Røpke TT Skakbladet, 1924
- A10 - Dmitrij Baibikov** after *Karl Fabel (Die Schwalbe, 1937)* – Retro mailing list, 2007
- A12 - Andrew Buchanan** after *Theophilus Harding Willcocks (Die Schwalbe, 1964 - Commendation)* – Length records, 2007/04
- A14 - Alain Brobecker & Thierry Le Gleuher** after *Franck Christiaans (Die Schwalbe, 1995 dedicated to Werner Keym)* – Length records, 2007/03
- A15 - Dmitrij Baibikov** – Length records, 2009/04
- A16 - Dmitrij Baibikov** – Length records, 2009/04
- A19 - Dmitrij Baibikov** – Retro mailing list, 2009/11
- A20 - Dmitrij Baibikov** – Length records, 2009/04
- A22 - Dmitrij Baibikov** – Retro mailing list, 2007/05
- A23 - Dmitrij Baibikov** – p.11061 Phénix 282, 2018/02
- A25 - Thierry Le Gleuher** – R479 Probleemblad 76-3, 2018/07-09 (2° Prize Probleemblad, 2017-2018)
- A28 - Thierry Le Gleuher** – A p.479 Die Schwalbe 291, 2018/06 (2° Prize Die Schwalbe, 2018)

Type B

- B03 - Thomas R. Dawson** – Skakbladet, 1924
- B04a - Dmitrij Baibikov** after *Valery Liskovets, Valerij Voinov* – Retro mailing list, 2007/05 (source: Valery Liskovets & Valerij Voinov, Shakhmaty v SSSR, 1974, 2° TT, Special Commendation)
- B04b - Michael Grushko** – Retro mailing list, 2007/07
- B04c - Jan Mortensen** – Problem n°31-32, 1955/09
- B05a - Valery Liskovets & Valerij Voinov** (version Dmitrij Baibikov) – Retro mailing list, 2007 (source: Valery Liskovets & Valerij Voinov, Shakhmaty v SSSR, 1974, 2° TT, Special Commendation)
- B05b - Valery Liskovets & Valerij Voinov** after *Arthur F. Mackenzie* – Shakhmaty v SSSR, 1974 Special Commendation (source: Arthur F. Mackenzie, Jamaica Gleaner, 1891)
- B07a - Joza Tucakov** (version Dmitrij Baibikov) – Retro mailing list 2007/05 (source: Joza Tucakov Problem n°21-22 1954 4° TT - 2° Honorable Mention)
- B07b - Faat Fatchullin** – Vestnik Pribuzhyya, 1991 - 1° Prize
- B09 - Nenad Petrović** (version Alain Brobecker) – 2007/04 (source: Nenad Petrović Problem n°21-22, 1954 4° TT - 1° Prize ex aequo)
- B10 - Nenad Petrović** (version Dmitrij Baibikov) – Retro mailing list, 2007/06 (source: Nenad Petrović Problem n°21-22, 1954 4° TT)
- B13 - Nenad Petrović** (version Dmitrij Baibikov) – Retro mailing list, 2007/06 (source: Nenad Petrović Problem n°21-22, 1954 4° TT)
- B15 - Dmitrij Baibikov** – Length records, 2009/04
- B16 - Dmitrij Baibikov** – Length records, 2009/04
- B25 - Thierry Le Gleuher** – R546 The Problemist Vol 27 No 6, 2019/11 (see D25-102)
- B28 - Thierry Le Gleuher** – B p.481 Die Schwalbe 291, 2018/06

Type C

- C03a - Niels Høeg** – Skakbladet, 1923
- C03b - Niels Høeg** – Skakbladet, 1923
- C04a - Niels Høeg** – Skakbladet, 1916/04

- C04b - Niels Høeg** – Die Schwalbe, 1952
C07 - Nenad Petrović – XIII, 4° TT Problem n°21-22, 1953-54 1° Prize
C08 - Nenad Petrović – XV, 4° TT Problem n°21-22, 1953-54 1° Prize
C10 - Nenad Petrović – XVII, 4° TT Problem n°21-22, 1953-54
C11 - Nenad Petrović – XVIII, 4° TT Problem n°21-22, 1953-54
C13 - Nikita Plaksin & Alexandr Kisljak (version Dmitrij Baibikov) – Retro mailing list, 2007/06 (source: Nikita Plaksin & Alexandr Kisljak, 173° TT Die Schwalbe n°98, 1986)
C14 - Nikita Plaksin & Alexandr Kisljak (version Dmitrij Baibikov) – Retro mailing list, 2007 (source: Nikita Plaksin & Alexandr Kisljak, 173° TT Die Schwalbe n°98, 1986)
C15 - Dmitrij Baibikov – Length records, 2009/04
C16 - Dmitrij Baibikov – Length records, 2009/04
C18 - Dmitrij Baibikov – Retro mailing list, 2009/11
C19a - Dmitrij Baibikov – Retro mailing list, 2009/11
C19b - Dmitrij Baibikov – Retro mailing list, 2007/05
C20 - Dmitrij Baibikov – Length records, 2009/04
C21 - Dmitrij Baibikov – Retro mailing list, 2007/05
C22 - Dmitrij Baibikov – 7260 Phénix 252, 2015/07-08 - 1° Prize Phénix 2015-2016
C24 - Thierry Le Gleuher – R480 Probleemblad 76-3, 2018/07-09 (diagram error corrected p.137 Probleemblad 76-4, 2018/10-12 (wRd2 bQd1 instead of bQd2 wRd1))
C27 - Thierry Le Gleuher – C p.481 Die Schwalbe 291, 2018/06

Type D

- D08 - Wolfgang Dittmann** – feenschach n°64, 1983
D10 - Andrew Buchanan (after Bernd Schwarzkopf) – Length records, 2007/04 (source: Bernd Schwarzkopf feenschach n°64, 1983)
D13 - Dmitrij Baibikov (after Andrew Buchanan & Bernd Schwarzkopf) – Retro mailing list, 2007/06 (source: Andrew Buchanan Retro mailing list, 2007/04)
D15 - Dmitrij Baibikov – Length records, 2009/04
D16 - Dmitrij Baibikov – Length records, 2009/04
D17 - Dmitrij Baibikov – Length records, 2009/04
D19 - Dmitrij Baibikov – Length records, 2009/04
D22 - Dmitrij Baibikov – Retro mailing list, 2007/05
D24 - Dmitrij Baibikov – p.11071 Phénix 282, 2018/02
D25 - Thierry Le Gleuher – R546 The Problemist Vol 27 No 6, 2019/11

Type E

- E15a - Andrey Frolkin & Andrey Kornilov** – LIX Rex Multiplex n°27, 1989/08
E15b - Andrey Frolkin & Andrey Kornilov – LVIII Rex Multiplex n°27, 1989/08
E17 - Dmitrij Baibikov – p.11072 Phénix 282, 2018/02
E19 - Dmitrij Baibikov – p.11072 Phénix 282, 2018/02
E23 - Dmitrij Baibikov – Length records, 2008/08
E28 - Dmitrij Baibikov – Retro mailing list, 2007/05 (source: Dmitrij Baibikov Shakhmatnaya Kompozitsiya 2005 - 3° Prize)
E29 - Dmitrij Baibikov – Retro mailing List, 2007/05 (source: Dmitrij Baibikov Shakhmatnaya Kompozitsiya 2005 - 3° Prize)

Type F

- F4a - Andrey Frolkin & Andrey Kornilov** – LVI Rex Multiplex n°27, 1989/08
F4b - Gideon Husserl - Mat, 1985/11
F4c - Henri Nouguiet – 4839b Mat 1986/03-04 (also attributed to Andrey Frolkin & Andrey Kornilov – XLI Rex Multiplex n°27, 1989/08)

- F5 – Andrey Frolkin & Andrey Kornilov** – XL Rex Multiplex n°27, 1989/08
F6 - Nikolaj Burljaev – Schachmaty v SSSR, 1977/08 - Commendation ex aequo
F24 - Andrey Kornilov – Die Schwalbe n°75, 1982 - 7° Commendation
F27 - Dmitrij Baibikov - Retro mailing list, 2007/06 (source: Dmitrij Baibikov 460 Shakhmatnaya Kompozitsiya n°68 2005 - 3° Prize)
F28 - Dmitrij Baibikov - Retro mailing list, 2007/06 (source: Dmitrij Baibikov 460 Shakhmatnaya Kompozitsiya n°68 2005 - 3° Prize)
F29 - Dmitrij Baibikov - Khanty-Mansiysk FIDE Olympic Tourney 2010 - 1° Prize

Old problems

- I - Hugo August** - Die Schwalbe, 1941/02
II – Pascal Wassong - Internet Mailing List, 1995 (source: 580v Europe Echecs 419, 01/1994 “dedicated to Babette” - 1° Prize)
III - Dmitrij Baibikov - R0141v StrateGems, 2008/04-06 - Prize

Index of Names

I would like to apologize in advance for incorrect spelling, incorrect or missing information in this list of composers.

Fide titles for chess composition are: Fide Master (FM), International Fide Master (IM) and International Great Master (IGM), but not title were given before 1972.

References are in bold for author of an original problem or for author who improved a problem (“improvement” according to our specific task), in italics when the contributor specified, he only made a version of an existing problem.

August, Hugo (1902-1967, Germany)	A7a, I
Baibikov, Dmitriy (b.1977, Israel, IM)	A10, A15, A16, A19, A20, A22, A23
.....	B4a, B5a, B7a, B10, B13, B15, B16
.....	<i>C13, C14, C15, C16, C18, C19a, C19b, C20, C21, C22</i>
.....	D13, D15, D16, D17, D19, D22, D24
.....	E17, E23, E28, E29, F27, F28, F29
.....	III
Brennert Otto (1876-1945, Germany)	A7a
Brobecker, Alain (b.1973, France)	A14, B9
Buchanan, Andrew (b.1959, England)	A12, D10, D13
Burljaev, Nikolaj (b.1938, Kazakhstan)	F6
Christiaans, Franck (b.1948, Holland)	A14
Dawson, Thomas Rayner (1889-1951, England)	A7a, B3
Dittmann, Wolfgang (1933-2014, Germany, IM)	D8
Fabel, Karl (1905-1975, Germany, IM)	A10
Fatchullin, Faat (b.?, Russia)	B7b
Frolkin, Andrey (b.1957, Ukraine, IM)	E15a, E15b, F4a, F5
Grushko, Michael (b.1955, Israel)	B4b
Høeg, Niels (1876-1951, Denmark)	A7a, A8, C3a, C3b, C4a, C4b
Husserl, Gideon (1925-2013, Israel)	F4b, F4d
Kisljak, Aleksandr (1938-2010, Ukraine, IM)	C13, C14
Kornilov, Andrey (1944-2011, Russia, FM)	E15a, E15b, F4a, F5, F24
Le Gleuher, Thierry (b.1959, France, IM)	A14, A25, A28, B25, B28, C24, C27, D25
Liskovets, Valery (b.1944, Belarus)	B4a, B5a, B5b
Mackenzie, Arthur Ford (1861-1905, Jamaica)	B5b
Mortensen, Jan (1932-2003, Denmark)	B4c
Nouguier, Henri (b.1958, France)	F4c
Onitiu, Valerian (1872-1948, Romania)	A7a
Petrović, Nenad (1907-1989, Yugoslavia, IGM)	B9, B10, B13, C7, C8, C10, C11
Plaksin, Nikita (b.1931, Russia, FM)	C13, C14
Röpke, Wilhem (1892-1978, Denmark)	A7b
Schwarzkopf, Bernd (b.1946, Germany)	D10, D13
Tucakov, Joza (1929-2014, Serbia)	B7a
Voinov, Valerij (b.1929, Kazakhstan)	B4a, B5a, B5b
Wassong, Pascal (b.1964, France)	II
Willcocks, Theophilus Harding (1912-2014, England)	A12

Small dictionary of the most frequently used terms:

	Deutsch	English	Esperanto	Français
	König	King	Regô	Roi
	Dame	Queen	Damo	Dame
	Turm	Rook	Turo	Tour
	Läufer	Bishop	Kuriero	Fou
	Springer	kNight*	Ĉevalo	Cavalier
	Bauer	Pawn	Peono	Pion
	Weiß	White	Blanka	Blanc
	Schwarz	Black	Nigra	Noir
0-0	Rochade	castling	aroko	roque
	Umwandlung	promotion	oficiriĝo	promotion
	Letzter Einzelzug	Last single move	Lasta simpla movo	Dernier coup simple
	Färbe die Steine	Colour the pieces	Kolorigi la pecojn	Colorier les pièces
TT	Thematurnier	Thematic Tourney		Tournoi Thématique
HM	Ehrende Erwähnung	Honorable mention	? mencio	Mention d'Honneur
REC	Lob	Commendation		Recommandé
(v)	Version	Version	Versio	version

*Many problemists use the symbol S instead of N



Addresses

Some information regarding the problems is lacking and some errors may lie in the solutions (hopefully not in the problems). Also, it's almost certain some records are missing in the list, or they may just have been broken by fellow retro-analysts.

In any case, don't hesitate to write in order to help maintain this list up to date:

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http://phenix-echecs.fr

Also pay a visit to the following websites if you are interested in retrograde analysis:

<https://www.janko.at/Retros/> by Otto Janko
<http://anselan.com/chess.html> by Andrew Buchanan
<http://wismuth.com/chess/chess.html> by François Labelle
<http://joekisenwether.wordpress.com/non-chess-retrograde-analysis/> by Joe Kisenwether
<https://pdb.dieschwalbe.de/index.jsp> by Gerd Wilts
<https://www.thbrand.de> by Thomas Brand

