

## Contents

Proof Games \#color ..... p. 807
Launching Christmas Quartz contest 2019 ..... p. 808
Award of TT11 Quartz - Glasgow Chess ..... p. 809
A new condition - Anticirce Cage. ..... p. 820
En bref ..... p. 821
Annex of the award TT11 Quartz, retro section ..... p. 822

# Proof Games \#color <br> by P. Rãican 

\#color (or simply \#c) was introduced by Andrey Frolkin and Chris Tylor in feenschach 212/2015.

Definition: After a checkmate, the colour of the mating piece(s) is changed and the game resumes, if a legal position results. In a first phase, the authors introduced this condition in helpmates, but then, they also used it in proof games.

Let begin our examples with a proof game by A. Frolkin. The paradoxical unit is here the Bishop a3, with bPs e7 and g7 on their home squares.
\#c1) A. Frolkin
feenschach 212/2015 (v)

\#c2) P. Rãican original after Unto Heinonen

\#c3) P. Rãican \& E. Huber original

(14+14)
PG 9.5
\#color + Madrasi
\#c1) 1.f3 d5 2.Kf2 d4 3.Kg3 Qd5 4.Kf4 Bd7 5.g3 g5\#[g5=w] (the bP become white, so 9 wPs are accepted) 6.e4 Bg 7 7.Ba6 d3 8.b4 Bb2 9.g6 Ba3 10.Bb2 Kf8 11. Bd 4 Be 8 12.g7\#[g7=b] (and now, it is black again) 12. ...Sh6 13.Bb6 c5 14.Ke3 Bc6 15.Kf2 Ke8 16.Ke1. Both Kings are returning home, masking the checkmate position.
\#c2) 1.f4 Sh6 2.f5 Rg8 3.f6 gxf6 4.Sf3 Rxg2 5.Rg1 Rxh2 6.Bh3 Rxe2+ 7.Kf1 Rxd2 8.Rg3 Rxc2 9.Bg5 a5 10.Sbd2 a4 11.Kg2 a3 12.bxa3 Rxa2 13.Qh1 R2xa3 14.Rg1 Re3 15.Sf1 Re2\#[e2=w] 16.Bxd7+ Kxd7 17.Qh3+ Kd6 18.Qxc8 c5 19.Rd2\# Bristol orthogonal + Bristol diagonal (Bristol was the theme required at Champagne - Vilnius 2019).
In the second mate, if the Rook d2 change colour, then a self-check occurred. So we have an orthodox mate.

I am convinced that the condition could be realized in fairy proof games. An attempt was last year, during the Champagne Tourney, where Valladao task was required. At the time, the work provided by me and Eric Huber have been demolished by Michel Caillaud, with orthodox means. Now, we are able to show a new attempt:
\#c3) 1.c3 c5 2.Qa4 Qb6 3.Qxd7+ Qe6 4.a4 c4 5.b4 cxb3 e.p. 6.Ba3 b2 7.Bd6 exd6 8. Sa3 Se7 9.Sb5 bxa1=R\#[a1=w] 10.0-0-O. One of the shortest Valladao known on proof games.
\#c4) P. Rãican
Julias fairies, fev./2019

\#c5) P. Rãican
StrateGems 86/2019 after G. Donati

G. Donati

4HM, Springaren 1999-2000 Christmas Tournament

$(13+14)$
\#c4) 1.d4 c5 2.d5 Sc6 3.dxc6 d5 4.g4 Bf5 5.gxf5 Qd7 6.f6 O-O-O 7.fxe7 Sf6 8.e8=R Bd6 9.Bh3 Bg3 10.Bf4 Se4 11.cxd7\#[d7=b] Sxf2 12.Re5 Kc7 13.Sd2 Kd6 14.Re6\#[f4,e6=b] Ke7 15.Sf1 Sd3\#[d3,g3=w]. Three checkmates, two of them made by batteries.
\#c5) 1.Ph2-h4 Sg8-f6 2.Ph4-h5 Sf6-e4 3.Ph5-h6 Se4xd2 4.Ph6xg7 Ph7-h5 5.Rh1-h3 Rh8-h6 6.Rh3-a3 Sd2-b3 7.Pc2xb3 Rh6-a6 8.Qd1-d6 Pe7-e6 9.Qd6-h2 Bf8-d6 10.Pg2-g3 Ke8-e7 11.Bf1-g2 Qd8-e8 12.Bg2-c6 Pd7xc6 13.Ke1-d2 Sb8-d7 14.Kd2-e3 Sd7-f8 15.Bc1-d2 Bc8-d7 16.Bd2-e1 Ra8-d8 17.g8=S\#[g8=b] Bf4+ 18.Kxf4 Ra4+ 19.Kg5 f6\#

Impostor Sg8. The last 11 moves checked by Jacobi (~3h:40min).
When Black give checkmate (f6\#) the Pawn remains black, because otherwise will be selfcheck. The problem could not be sound with orthodox rules only.

See the last diagram as source of inspiration: 1.Sf3 h5 2.Se5 h4 3.Sxd7 h3 4.Sxb8 hxg2 5.h4 Rh6 6.Rh3 Ra6 7.Ra3 Qd3 8.e3 Qh7 9.Bd3 g6 10.Ke2 Bg7 11.Qe1 Bc3 12.dxc3 Rxb8 13.Sd2 Kd7 14.Sf1 Ke6 15.Bd2 Bd7 16.Rd1 g1=S\#

We believe that these works will inspire you to participate in the Christmas Quartz contest 2019.

## Christmas Quartz contest 2019

The contest has one section:
1.Proof games with \#color condition.

It is admitted, but not necessary, to add at most one other condition (but not fairy pieces). Jacobi can test this genre, writing \#c as condition.

The tourney is informal. Send problems to the judge, until the $1^{\text {st }}$ February 2020.
Judge: P. Rãican, quarpaz1@yahoo.fr

# Award of TT11 Quartz - Glasgow Chess section fairies 

judge Paz Einat

Glasgow Chess has a simple deviation from regular chess: promotions are on the $7^{\text {th }}$ row for white and $2^{\text {nd }}$ row for black. As such, I expected problems in which the promotions one row before last, or first, are meaningful and show something unique. Repeating ideas already done by normal promotions is certainly unacceptable, but new ideas, even some that might be done with normal promotion, are acceptable for me. It is reasonable that Glasgow Chess promotions make the composing of certain idea easier, and this is certainly fine. I judged the 21 anonymous problems I received from the Director, Dinu-Ioan Nicula, with all that in mind. The overall level was average and I am certain that much more can be done.

## $1^{\text {st }}$ Prize: No. 11 - Theodoros Giakatis

Three unified and harmonious solutions that perfectly use the Glasgow Chess condition. In each of the solutions the white piece standing on c7 moves to the $8^{\text {th }}$ row such that the promotion on c7 immediately creates a battery, which fires to give the mate. This is complemented by the first black move by the black Queen, which makes an anticipatory selfblock.
Sol:
a) 1.Qf6 Na8 $2 . \mathrm{Kf}_{4} \mathbf{c} 7=\mathbf{Q}+3 . \mathrm{Kg} 5 \mathrm{Qg} 3 \#$
b) 1. Qg4 Bb8 2.Kf3 $\mathbf{c} 7=\mathbf{R} 3 . \mathrm{Kg} 3 \mathrm{Rc} 3 \#$
c) 1.Qb2 Rc8 2.Kd2 $\mathbf{c} 7=\mathbf{B} 3 . \mathrm{Kc1} \mathrm{Bf} 4 \#$
N.Red.: Paz Einat found an economical version (2 units saved), but with an illegal black Pawn h2. Congrats for Theodoros! Just found out from WinChloe, that he is born in 1970.

## Theodoros Giakatis


b) $w B c 7$ c) $w R c 7$
$2^{\text {nd }}$ Prize, TT11 Quartz


## $2^{\text {nd }}$ Prize: No. 12 - Hubert Gockel

A beautiful Pickaninny/Albino duel with subtle motivations based mainly on the Anticirce condition. Glasgow chess is not a major factor here, but it determines the key to disallow promotion on a2 to queen of bishop-lion, and the threat by allowing the check by bishoplion h 3 which must have the f 7 rebirth square empty.

Sol: 1.Bf7-a2! (2.MOg4\#)
Moves of bPe7 defend, because the threat 2.MOg4+ is parried by 1.- Qf7!

After 1.- e7~, BLd8 loses 1.- B:f6[bBLf2], when f2-pawn moves:

| 1.-e:f6[bPf7] 2.f3\# | (2.f2~+? Kg 4!) |
| :---: | :---: |
| 1.-e6 2.f4\# | (2.f2~+? Kg5 !) |
| 1.-e5 2.f:g3[wPg2]\# | (2.f2~+? MOf2!) |
| 1.-e:d6 [bPd7] 2.f:e3[wPe2]\# | (2.MOg4+? NAf7! ; 2.f2~+? |
| BL:e4[bBLez]!) |  |
| 1.- Q~ 2.Be6\# |  |

Fourfold duel bP/wP (mating Albino vs. Pickaninny), key-Bishop frees own Glasgow promotion square and combats black Glasgow promotions, (prevented) AntiCirce rebirths on Glasgow rows assist quadruple avoidance. Type Cheylan is necessary: 1.Ba2? Rxa8!
$\boldsymbol{w B c 3}$ has 2 purposes:

1) guarding f6 after 1.- e:f6[bPf7] 2) preventing refutation 1.- NAd1! (2.MOg4+ NA:h3[bNAh2]!)
$\boldsymbol{R c 8}$ prevent refutation 1. ..e3-e2=B or g3-g2=B [author]


## $3^{\text {rd }}$ Prize: No. 4 - Arno Tüngler

The maneuver of the white king to prevent circe rebirth is known, but here the oscillation, first between d 8 and a 8 and then between d8 and h8, makes a good impression. White needs to capture bQg6 first to enable the wK move to h8, preventing rebirth there. This determines that wPf2 can start its capturing journey only after wPg 2 reached g 6 . The interplay of the two pawns, and their final promotion for the mate, is nice.
1.Kc8 2.Kb8 3.Ka8 4.gxf3 7.Kd8 8.fxg4 11.Ka8 12.gxh5 15.Kd8 16.hxg6 20.Kh8 21.fxg3 25.Kd8 26.gxf4 30.Kh8 31.fxg5 32.gxf6[+bPf7] 33.fxg7=Q 34.gxf7=Q\#

Two delayed Glasgow excelsiors from f2/g2 to g7/f7 with two queen promotions. The wK hinders fatal Circe rebirths of the captured black army.

## $\mathbf{1}^{\text {st }}$ Honourable Mention: No. 17 - Lörinc Juraj \& Paul Rãican

Five WR promotions and an extra WS promotion, but the main idea is the paralysis play between the promoted WR's and promoted WB's and the way the BB's are lured to guard a4 and mate the WK. The Eiffel condition is used well to force the promotions: white Rook promotions necessitate Bishop promotions by black as only bishops can paralyze the rooks.

Sol: 1.g6-h7=S+! Kg8 2.h6-g7=R+Kh8 3.Rg6+Kxh74.b6-a7=R+ f2=B 5.e3+! Bxe3 (Roman theme) 6.a6-b7=R+ g2=B 7.d7=R+ Bc6 8.e7=R+ Bc5\#
Try: 1.h6-g7=Q+? Ke8 2.d7=B+Kd8 3.Qf8+ Kc7 4.a7=R+Kb6 5.Qd6+ Ka5 6.b7=B+ f2=B 7.Qc5+ Bxc5 ${ }^{\ddagger}$, but 4. ...f2=B! 5 ?

## $2^{\text {nd }}$ Honourable Mention:

## No. 10 - Arnold Beine

This is the best of several Ultraschachzwang problems that participated in the tourney. There are two solutions full with promotions that lead to two harmonious mates. The use of batteries to maintain the checking moves is a nice feature.
1.h2 $=\mathrm{R}+\mathrm{Kg} 1$ 2.e2 $=$ S+ Kf1 3.g2 $=\mathrm{B}+$ Kf2 4.Bh3+ Ke3 5.d2=Q+ Ke4 6.c2=Q+ Ke5 7.Qc7+ Kf6 8.Qf7+ gxf7=Q 9.Qh6+ Qg6+ 10.Qg5+ Qxg5\#,
1.f2=S+ Kg1 2.h2=Q+ Kf1 3.d2=S+ Ke2 4.Sfe4+ Kd3 5.e2=Q+ Kd4 6.Qe3+ Ke5 7.Sg5+ Kf6 8.Sh7+ gxh7=Q 9.Qf4+ Kg6 10.Qh5+ Qxh5\#. [tested by WinChloe in 42 min ]

Paul Rãican

(1+2) Glasgow pser-h\#14 Doublemax, Sentinels, ChameleonChess

## $4^{\text {th }}$ Honourable

Mention: No. 20 -George Sphicas \& Paul Rãican

Two features stand out in this problem: the repeated tempo gaining maneuver and the exchange of guard on c 4 \& b5 by the WR, releasing the WK from this duty. However, like some other problems that participated in this tourney, selfmates of this kind are a poor excuse for the use of Glasgow. As the problem is not computer checked I hope it is sound.

## $3^{\text {rd }}$ Honourable Mention: No. 16 - Paul Rãican

The nice thing about the combination of Sentinels and Chameleon Chess is that one can start with a minimal number of pieces and end with a full board. Nice play here, with promoted pieces that change while moving, and good strategy to restrict the movement of the BK and BR.

Sol: 1.Kc4 [+bPb5] 2.Kb3 [+bPc4] 3.Ka4 [+bPb3] 4.c3 5.c2=R 6.Rc8=Q+ Kf5 [+wPe6] 7.Qc1=S [+bPc8] 8.Sd3=B [+bPc1]+ Kg6 [+wPf5] 9.Bb1=R [+bPd3] 10.d2=Q 11.Qd8=S 12.Sf7=B [+bPd8]+ exf7 $=\mathrm{S} 13 . \mathrm{Kb} 4$ [+bPa4] 14.Ka5 [+bPb4] Sxd8=B\# [verified by Jacobi in few seconds]


Sol.: 1.h7=Q+ Kf8 2.Rf5+ Ke8 3.Qf7+ Kd8 4.Rd5+ Kc8 5.Qd7+ Kb8 6.Rb5+ Ka8 7.Qc8+ Ka7 8.Rb7+ Ka6 9.Sb4+ Ka5 10.Ra7+ Kb6 11.Ra6+ Rxa6 12.Qb8+ Ka5 13.Qc7+ Rb6 14.Kc3 Kb5 15.Qc4+ Ka5 16.Qc5+ Rb5 17.Qc7+ Rb6 18.e4 Kb5 19.Qc4+ Ka5 20.Qc5+ Rb5 21.Qc7+ Rb6 22.e5 Kb5 23.Qc4+ Ka5 24.Qc5+ Rb5 25.Qc7+ Rb6 26.e6 Kb5 27.Qc4+ Ka5 28.Qc5+ Rb5 29.Qc7+ Rb6 30.e7=R Kb5 31.Qc4+ Ka5 32.Qc5+ Rb5 33.Qc7+ Rb6 34.Re4 Kb5 35.Qc4+ Ka5 36.Qc5+ Rb5 37.Qc7+ Rb6 38.Kc2 Kb5 39.Qc4+ Ka5 40.Qc5+ Rb5 41.Qc7+ Rb6 42.Kb1 Kb5 43.Qc4+ Ka5 44 Re5+ Rb5 45.Qc7+ Kxb4 46.Re4+ Kxb3 47.Qf7+ Rd5 48.Qf3+ Rd3 49.Qd1+ Rxdi\#

## $5{ }^{\text {th }}$ Honourable Mention: No. 15 - Arnold Beine \& Paul Rãican

Despite the restrictions exerted by the Koeko and max conditions there many choices available along the solutions and the plan is well executed. Koeko checks are nicely used.

Sol.: A. 1...Ke5-d4 2.Kf3-e2 Kd4-e5 3.Ke2-d3 Ke5-f4 4.Kd3-e2 Kf4-g5 5.Ke2-f3 Kg5-f5 6.Kf3-g4 + Kf5-e4 7.Kg4-g5 Ke4-f3 8.e3-e2=B Kf3-f4 + 9.Kg5-g4 Kf4-g3 10.Kg4-h3 Kg3-f2 11.Be2-g4 Kf2-g2 + 12.Bg4-e6 f6-f7=S 13.Kh3-h2 Sf7-e5 14.Be6-d5 + Kg2-h3 15.Bd5-e4 Se5-f3\#
B.(duplex) 1...Kf3-e2 2.Ke5-f4 Ke2-d3 3.Kf4-g5 Kd3-e4 4.Kg5-g6 Ke4-f3 5.Kg6-f5 Kf3-g4+ 6.Kf5e4 Kg4-g5 7.Ke4-f3 e3-e2=R 8.Kf3-g4+ Kg5-f4 9.Kg4-g3 Re2-e7 10.f6-f7=R+Kf4-g4 11.Rf7-f5+ Kg4-h3 12.Rf5-f8 Re7-g7+ 13.Kg3-h4 Rg7-e7 14.Rf8-f6 Re7-e5 15.Rf6-f4 Re5-h5\#

A reminiscence of feenschach 56TT (f-157/2004) [author]


Arnold Beine
$2^{\text {nd }}$ Comm, TT11 Quartz

(2+7) Glasgow h\#8
Ultraschachzwang

Sebastian Luce $3^{\text {rd }}$ Comm, TT11 Quartz

(1+1+4) Glasgow $\mathrm{h} \# 3$ take\&make 2 sol.

## $1^{\text {st }}$ Commendation: No. 6-Bojan Basic

In all four solutions the mates are given by moving a neutral pawn, in different ways, to b7. However, in three solutions b2 is occupied to prevent the capture of the mating pawn on b7. This does not happen in the 4th solution, which serves mostly to complete the AUW.
a) $\mathbf{1 . . . n P b 6 - b 7 = n R ~} 2 . n P a 6 x b 5[+n P b 2] n R b 7 x b 5[+n P b 7]+3 . n P b 7-b 6 n R b 5 x b 2[+n P b 7] ~ \# ~$
b) 1...nPa4-a5 2.nPa7*b6[+nPb2] nPa6-a7=nS 3.nSa7-c6 nPa5*b6[+nPb7] \#
c) 1...nPa6-a7=nB 2.nPb5*c4[+nPc2] nPc4-c5 3.nPc2*b1[+nPb2]nPc5*b6[+nPb7] \#
d) 1...nKa8-b7 2.nPf4-f3 nKb7-a8 3.nPf3-f2=nQ nQf2*b6[+nPb7] \#

## $2^{\text {nd }}$ Commendation: No. 9-Arnold Beine

Nice AUW leading the WK and promoted WQ to the correct squares.
1.d2=R+Ke1 2.f2=B+Kf1 $3 . R \mathrm{R} 1+\mathrm{Ke} 2$ 4.b2=Q+ Kf3 5.Qb7+ axb7=Q 6.e2=Q+Kf4 7.g2=S+ Qxg2
8.Qg4+ Qxg4\#. Black AUW + qQ.

## $3^{\text {rd }}$ Commendation: No. 14 - Sebastian Luce

Two different mating positions with, as often required with neutral pieces, double-check mates.
1.Kd4-d5 nPd6-d7=nS 2.nSd7-e5 nPf6-f7=nQ+ 3.nQf7h5 nPf4xe5-d7=nQ \#
1.nPf4-f3 nPf6-f7=nB 2.nBf7-d5 nPd6-d7=nQ 3.nQd7d6 nBd5xf3-f2 \#
[N.Red: the problem works also without Glasgow rules, if all position rises with a row]

## $4^{\text {th }}$ Commendation: No. 8 - Arnold Beine

Nice route for the BQ, which sacrifices itself at the end to allow promotion of the WQ on the correct square.
1.d2=Q+ Kf1 2.e2=B+Kg1 3.Qc1+Kh2 4.f2=R+Kh3 5.Qa3+ Kh4
6.Qe7+ Kh3 7.Rf3+ Kg2 8.Qg7+ hxg7=Q 9.Rg3+ Qxg3 10.Bf3+ Qxf3\#.



## $5^{\text {th }}$ Commendation: No. 8 -Paul Rãican

The B-Q-B-Q consecutive promotion arrangement is nice but, overall, the use of promotions on the 7 th row does not make a difference and, with such a scheme, it is reasonable that promotions on the 8th row would allow an additional promotion on c8. As the problem is not computer checked I hope it is sound.
1.g7=B+Kg6 2.h5+ Kxh5 3.f7=Q+Kh4 4.e7=B+Kxh3
5.d7=Q+Kxh2 6.Qh5+Kg1 7.Qdg4+ Kf2 8.Qhf5+ Kxe3 9.Qgf3+ Kd2 10.Bb4+ Kc1 11.Ba3+ Kd2 12.Qa5+ Kc2 13.Qb3+ axb3\# Winchloe checked the last 8 moves. But meanwhile, the problem was cooked by F. Labelle (see En bref, p.822) [author]
N.Red.: Thank you, Paz, for this professional judgment!

The participants: 1.Themis Argirakopoulos (GR), 2.Arno Tüngler (KIR), 3.Bojan Basic (Serbia), 4.Arnold Beine (D), 5.Theodoros Giakatis (GR), 6.Hubert Gockel (D), 7.Sebastian Luce (F), 8.Paul Rãican (RO), 9.Juraj Lörinc (Slovak Rep.), 10.George Sphicas (USA), 11.Karol Mlynka (Slovak Rep.)

# Award of TT11 Quartz - Glasgow Chess section retros 

judge Manfred Rittirsch
The stipulated fairy condition does not turn everything topsy-turvy: advanced promotion (by one rank) is the only aspect in which it differs from orthodox play. Granted that the convergence of promotion squares is able to yield some opportunities for new arrangements, too, the main benefit of this rule modification is the acceleration of pawn excelsiors [1], and it is no surprise that one saved move per promotion encouraged participant's efforts to push the envelope for multiple settings of the well-known proof game themes involving promotions - like Ceriani-Frolkin, Pronkin or Schnoebelen - more than anything else. Even under the premise that any result supported by such an external boost needs to clearly outperform equipollent orthodox efforts in order to be celebrated, specimen of all these favored tasks were allowed to shine in this award.

The accomplished enhancements varied from minimal to stupendously wide, with foreseeable consequences on the final ranking. On the other side, the input also confirmed the sophisticated expectation that previously unseen effects, if exhibited at all, will be rare in this tournament.

I added a final paragraph for details on contributions not incorporated in this award. Note that in my opinion every single one of them is worth publishing.

I decided to bring out the following 11 entries ( $=50 \%$ ) as outstanding achievements in the course of this special contest. Numbers prefixed by a P indicate comparison problems found in PDB database.

## $1^{\text {st }}$ Prize: No. 21 - François Labelle

The additional fairy condition involved here is far from far-fetched, because it uses the coincidence of the pawn's base rank with the opponent's promotion rank induced by Glasgow Chess, creating perfect horizontal symmetry of pawn's departure and arrival squares, for even more acceleration. With three more bishops in the final position compared to PDB P1000438 (diagram A, see the annex, p.822) the result achieved in this proof game would already be prize-worthy, but with the unparalleled actuality of an otherwise empty board (apart from the KK, of course!) it is nothing less than sensational.
[1] In view of that, only the series mover is able to compete with the proof game (in the broadest sense) as an ideal playground for Glasgow Chess.


I still cannot believe that the high-flyer of this event is sound, but given the fact that no piece may vanish if the corresponding rebirth square is empty, the miracle might as well be real, and I sincerely hope it is!

Sol: 1.d4 e5 2.dxe5 f6 3.Qxd7 [+bPd2=R]+Kxd7 4.exf6 Rxe2 [+wPe7=B]+5.Kd1 Rxf2 [+wPf7 $=\mathbf{B}$ ]
 11.Bxa8 Rxa2 12.Rxh7 [+bPh2=B] Rxa1 13.Bxa1 Bxg1 14.Bxa7 [+bPa2=B] Bxb1 15.Bxg8+ Bxh7 16.Ba7xb6 [+bPb2=B]

Comments:
-9 promotions to bishop to achieve 13 bishops in the final position.
-one unexpected promotion to rook (Ceriani-Frolkin).
-The combination Glasgow Chess \& Mirror Circe makes it possible to have 2 promotions in the same single move. This is shown in move 9 .
-Getting rid of unwanted pieces is not so easy as the rebirth squares must be occupied. For example, the white move 11.Bxa8 cannot be postponed to move 12 because it would cause the unwanted rebirth [+bRh1].

Partially tested with Jacobi. [author] N. Red: the last 7 moves tested by Jacobi.

## $2^{\text {nd }}$ Prize: No. 22 - François Labelle

After P1000924 and P1013068, the move count for a Ceriani-Frolkin AUW split among two solutions was depressed to 11.5 moves in diagram B, which is still so much more than the impressive single digit applying here.
1.d4 g 5 2.d5 g 4 3.d6 g 3 4.dxe7=B gxf2=R 5 .Bc5 Rxf1+ 6.Kxf1 Bxc5 7.Ke1 Bf2+ 1.f4 e5 2.f5 e4 3.f6 e3 4.fxg7=Q exd2=S 5.Qf6 Sxf1 6.Qxf1 Bc5 7.Qf2 Bxf2+

Comments:
AUW Ceriani-Frolkin (Br/Qs) split over two solutions with a different first move. This theme has been accomplished before in orthodox chess, but the Glasgow Chess realization is much shorter.
-RQ/BS in 16.0 moves by Michel Caillaud (Probleemblad 2000, 1st prize, P1000924)

- -SR/BQ in 13.0 moves by Michel Caillaud (Problemesis 2001, 1st prize, P1013068)
$-S q / B r$ in 11.5 moves by Mark Kirtley (StrateGems 2016, 2nd prize, not in PDB) [author]


## $1^{\text {st }}$ Honourable Mention: No. 18 - Paul Rãican

I love this Hashimoto ( $=$ Pronkin captures Pronkin) hidden well in a double home base. What a pity that a catalyst condition was needed.
1.c3 d5 2.Qa4 d4 3.Qxe8 dxc3 4.Qxf8 cxd2=Q 5.Qxd8 Qxd8 6.f4 55 7.fxg5 Qd6 8.g6 Qxh2
9.gxh7=R Qxh1 10.Rxh1. Hashimoto theme (Pronkin captures Pronkin) in 9.5 moves only. [author]

## $2^{\text {nd }}$ Honourable Mention: No. 10 - Kostas Prentos

Back in 1982 four Ceriani-Frolkin Ss have been shown for the first time in an exact proof game (see Pooo2246), but even P1067974 (see C) did not dare to add the fifth one. It makes another major effort to finally succeed, armored with nothing else than a minimum of enhanced speed.

Sol: 1.g4 a5 2.g5 a4 3.g6 a3 4.gxf7=S axb2=S 5.Sh6 gxh6 6.f4 Bg7 7.f5 Bd4 8.f6 Bb6 9.f7=S Sf6 10.Sd6+ exd6 11.a4 Qe7 12.a5 Kd8 13.a6 Re8 14.a7=S Qf8 15.Sc6+ bxc6 16.e4 Ba6 17.e5 Bc4 18.e6 Sa6 19.e7=S Be6 20.Sd5 cxd5 21.Bb5 Sd3+ 22.cxd3.

Five Ceriani/Frolkin promotions to Knights (4for White and 1 for Black). This task has not been achieved yet in orthodox proof games.

Tested with Jacobi:

1. the first 19 moves 2. the last 16.5 moves (from 5...gxh6 to the end) [author]

## $\mathbf{3}^{\text {rd }}$ Honourable Mention: No. 2 - Michel Caillaud

The attractive fairy combination (see 1st Prize) was also fit to yield a sixth Ceriani-Frolkin knight (compare to 2 nd H. M.) in a very short game.

Sol: 1.d3 d6 2.Bf4 Be6 3.B×d6(d2=S) Sf3+4.exf3 Kd7 5.B×e7(e2=S) Sg3 6.hxg3 Kc8
 13.Sa5 bxa5.

Six Ceriani-Frolkin Knights in a very short game. Partially tested with Jacobi : 10.0 first moves, 9.5 last move [author]

## $4^{\text {th }}$ Honourable Mention: No. 11 - Kostas Prentos

The possibly first fourfold S Prentos ever comes along one single step short of a black home base. However, the thematic captures are of minor quality, because all of them occur on the back rank, and in all cases but one the promoted $S$ itself has captured there before.
Sol.: 1.b4 g5 2.b5 g4 3.b6 g3 4.bxa7=S gxh2=S 5.Sxc8 Sxf1 6.Rh3 f5 7.Rc3 f4 8.d3 f3 9.Sd2 fxe2=S 10.Sxf1 Sxc1 11.Qxc1 h5 12.Qb2 h4 13.0-0-o h3 14.Kb1 hxg2=S 15.Ka1 Se1 16.Rxe1 Qxc8

Four promoted Knights (3 for Black and 1 for White) are captured by officers (Prentos theme). This task has not been achieved yet in a single phase orthodox proof game.
Tested with Jacobi: 1. the first 15.5 moves 2 . the last 12.5 moves (from $4 . b x a 7=S$ to the end)[author]


## $5^{\text {th }}$ Honourable Mention: No. 20 - Alexandre Leroux

Adding Annan to the tried and tested Mirror Circe carries time saving to the extreme by enabling one move double excelsiors, casually highlighting the exposure of the promotion rank as another useful trait of Glasgow Chess, and the author did not stop halfway through. Promotion of ALL pawns amounting to a double "Babson", however, is as charming as a man's body pumped up with steroids.

Sol.: 1.hxh7=R [+bPh2=R] Sh6 2.axa7=Q [+bPa2=Q] Rg8 3.Sa3 gg3 4.Rb1 Rg4 5.bb6 Bg7 6.Rb5 Ba1 7.Bb2 Kf8 8.dxd7=S [+bPd2=S]+Kg89.Qc1 Qe8 10.cxc7= $\mathbf{Q}$ [+bPc2=Q] exe2=B [+wPe7=B] 11. Be 5 Qf8 12.bxb7=B [+bPb2=B] fxf2=R [+wPf7=R] 13. Sf3 $_{3} \mathbf{g x g} 2=\mathbf{S}[+\mathbf{w P g} 7=\mathbf{S}]+$ $N$. Red: the last 8 moves tested by Jacobi in about 1 hour.


## $1^{\text {st }}$ Commendation: No 8 - Kostas Prentos

The three types of Schnoebelen promotions discriminable in orthodox proof games have already been shown together, see P1067968 (split between parties) and the fabulous P1177781. P1067933 proves that more is possible with the use of fairy conditions. Nevertheless this is an original setting for a difficult task.

Sol: 1.g4 Sh6 2.g5 Sf5 3.g6 h6 4.gxf7=R g6 5.b4 Bg7 6.b5 Bxa1 7.b6 Sd4 8.bxa7=B b6 9.e4 Ba6 10.e5 Bxf1 11.e6 Sa6 12.exd7=S e6 13.Se2 Qf6 14.Rg1 o-o-0 15.Rg5 Rxd7 16.Rd5 Rxf7 17.Rd8+ Kb7 18.Rb8+ Kxa7.

Three Schnoebelen promotions to all possible types(RBS). The identity of the promoted pieces is almost completely determined by a single move ( $14 . . .0-0-0$ ). A second move by the black Kings required in order to determine the type of the third promoted piece.

Tested with Jacobi:
1.The first 15 moves 2.The last 14 moves (from 4...g6 to the end) 3.Various tries ( $A->B$ ) of different lengths. No cooks were discovered. [author]

## $2^{\text {nd }}$ Commendation: No 13-Paul Rãican

Another only slightly less effective accelerator from the Circe family steals the show in this colourful, if a little haphazard mix of a S Pronkin with a S Schnoebelen, a R circuit and two switchbacks.

Sol: 1.e3 a6 2.Bxa6(pe2=S) Sxc1 (Bg5) 3.Bxe7(pa3) Sxa2(pe6) 4.exf7=S(pb3) Sc3 5.Sxh8(Rd4) Rxd2(ph6) 6.Qh5+ Rxc2(pg6) 7.gxh7=Q(pd3)+ g6 8.Sxc3(Sg7) Rxc3 9.Sxg6(pc2=B) d2=S! 10.Qh8 Bxg6(Sc2) 11.0-o-o! Rd3 12.Rxd2 (S Schnoebelen) Bxh5(Qd1) (switchback) 13.Rxd3(Rh7) Rxh8(Qd4) (R circuit) 14.Qa7 b6 15.Bc5 Bd6 16.Sxa3(pe7) (switchback) Bxa6(Be2) 17.Sb1 (S Phoenix-Pronkin).

Partially checked by Jacobi (last 10.5 moves) [author]

## 3rd Commendation: No 9 - Kostas Prentos

With promotions on the 7th rank all you need to enforce two unique Schnoebelen promotions is a single (castling) move - an observation that must be recognized within the scope of this tournament.

Sol: 1.e4 d5 2.e5 Bf5 3.e6 d4 4.exf7=S e5 5.f4 Qg5 6.fxg5 Bc5 7.96 Se7 8.gxh7=R o-o 9.Bb5 Bxh7 10.Se2 g6 11.0-0 Rxf7.

Two Schnoebelen promotions (RS). The identity of the promoted pieces is completely determined by a single move (8...O-o) [author]

## $4^{\text {th }}$ Commendation: No 7-Andrey Frolkin

This is the most convincing evidence for the acceleration thesis in my preamble: the prosperous extension of Pooo5644 (see D) even uses the same last move trick.


Sol: White balance: 10 (pieces on the board) +6 (b7xa6, d7xc6xb5xa4, exdxc) $=16$. Black balance: $10+6$ (fxe>e7, gxfxe>e7, hxgxfxe>e7) $=16$. Last move: $-1 \ldots . .0-0+$. The white pawns e, f, $g$ and $h$ were all promoted on e7. Since the black king remained on e8 all through the game until the concluding castling, white promotions to queen or rook are ruled out (illegal checking). The white pawns could promote on e7 only to knight or to dark squared bishop. Retract:
-1...O-O+ -2.Rd3-d4 d4xSc3!(d4xBc3?) -3.Sd5-c3 b5xSa4 -4.Se7-d5 $\mathrm{d} 5-\mathrm{d} 4$ The last 7 single moves are unique. $-5 . \mathrm{f} 6 \mathrm{x} \sim \mathrm{e} 7=\mathrm{S}$ and black retro stalemate is avoided. -3...b7xa6? or $-4 . \mathrm{Rb} 6-\mathrm{c} 6$ ? c6xb5? -the white king's position becomes illegal: he got to a8 via c6 and b7. The black pawns captured six white knights, among them four promoted ones. This is impossible in standard chess, where promotions occur on the 1st and 8th ranks. Only 5 knights can be captured there (see for example problem Pooo5644 in PDB).

D to No7: A. Frolkin \& N. Plaksin<br>Die Schwalbe 1979

- R: 1.o-o Rd8-d6 2.b4xSa5 d7-d5 3.d6xSc7 Sc4-a5 4.d5-d6 Sb2c4 5.d4-d5 Sd1-b2 6.d3-d4 e2xSd1=S and now we're out of retrostalemate.
White: bxa3, dxc3xb4xa5, exd3xc7 [h7], black: exd1, fxexd1, gxfxexd1.
As promised, here follows a paragraph with works not included in this ranking.
[Ke4/Ke8, Caillaud]: The thematic change, albeit nicely achieved by a well prepared check, is the only difference between the twins.
[Ke1/Ke8, Werner, 1st]: This quickie picks a low-hanging fruit by reducing the time to the local minimum. See N. Elkies, PG7, Retro Mailing List 2004: 1.b4 h5 2.b5 h4 3.b6 h3 4.bxc7 hxg2 5.cxd8=S gxh1=R 6.Sxf7 R1xh2 7.Sxh8 Rxh8.

[Ke1/Ke8, Werner, 2nd]: Compare to Vlaicu Crişan \& Eric Huber, 2nd Murfatlar, Vilnius 2019, Commendation, PG5.5 Glasgow Duelist:
1.f4 c5 2.ff c4 3.f6 c3 4.fxg7=Q cxd2=R 5.Qd4 Rxd1+ 6.Qxd1
1.d4 g5 2.d5 g4 3.d6 g3 4.dxc7=Q gxf2=S 5.Qd6 Sxd1 6.Qxd1
[Ke1/Ke8, Tungler]: The pawn on the thematic square is the only deviation from a double home base, but three non-thematic captures blur the effect.
[Kh5/Kh8, Tungler]: The goal of a quick performance was certainly reached here without any additional fairy condition, but S Schnoebelen is better realized in the recent work of Kostas Prentos, 2nd Murfatlar, Vilnius 2019, 1st HM, PG14-5 Glasgow Duelist:
1.d4 f5 2.d5 f4 3.d6 f3 4.dxc7=S+ Qxc7 5.h4 Qc4 6.h5 Qxa2 7.h6 Qd5 8.hxg7=S+ Bxg7 9.Ta2 Bc3+ 10.Sxc3 fxg2=S+ 11.Bxg2 b5 12.Be4 b4 13.Bd3 b3 14.Bc4 bxc2=S+15.Qxc2.
[Ke1/Ke8, Prentos]: The non-thematic play is fully redundant.
[Kc3/Kc8, Raican]: The Madrasi effects of b) are known.
[Ke1/Kb7, Raican]: Jacobi vo.6.6 found cooks, when all the white pawn moves were given as constraints.
[Raican, Itamar Faybish]: At the price of another fairy condition Schnoebelen + circuit is not enough for the award.
[Frolkin, Raican]: This fourfold Ceriani-Frolkin was close to a commendation, but in the context of this tournament the random setting (at least) is just not spectacular enough.

A warm thank you to all participants and everybody else who contributed to the success of this tournament, including Silvio Baier, who did not hesitate to provide his expertise for a final review!

Manfred Rittirsch<br>Buch, 5.11.2019

N.Red.: We must thank to Manfred for this very detailed and argued judgment! And also, many thanks to Silvio Baier, a precious supervisor.
The participants: 1.Michel Caillaud (F), 2.Gregor Werner(D), 3.Arno Tüngler (KIR), 4.Andrey Frolkin (Ukraine), 5.Kostas Prentos (USA), 6.Paul Rãican (RO), 7.Alexandre Leroux (Canada), 8.François Labelle (Canada).

As usual, anyone can come with complaints, 3 months from the publication of this report (both sections).
Short time after editing this award, Kostas Prentos send us this addendum:

## An Addendum to $1^{\text {st }}$ Commendation: No 8, by Kostas Prentos

In July 2019, Michel Caillaud sent me G1 for publication to StrateGems. His inspiration of a Glasgow PG with multiple Schnoebelens (here RRS) determined by a single castling move came from Paul Rãican's G2. When I mentioned I had submitted a problem with similar content (RBS Schnoebelens) to Quartz TT11, he showed me his own version G3, composed around the same time as G1. Michel wrote about his choice between the two versions: "As only 2,25 promotions were determined by castling in [G3] and RBS Schnoebelens already exist in orthodox, I chose to publish [G1] that maximizes the fairy effect with 3 promotions determined by one move." Since no other composer came up with the same idea in Quartz TT11, Michel offered me joint credit for G3; it appears here for the first time, as a more economical version of the $1^{\text {st }}$ Comm.

G1

## Michel Caillaud

StrateGems 10/2019 (88/Po481) Dedicated to Paul Rãican


12+13 Glasgow PG 17 C?

## G2

## Paul Rãican

StrateGems 10/2018 (84/Po461)


G1 $\quad$ qrb5/sp1r2bk/s7/p1p1p1pB/6K1/8/PP1P1P1P/RSBQ2SR
1.c4 a5 2.c5 Sa6 3.c6 Rb8 4.cxd7=R c5 5.e4 Qb6 6.e5 Qa7 7.e6 Qa8 8.exf7=S e5 9.g4 Se7 10.g5 Sc6 11.g6 Sa7 12.gxh7=R 95 13.Be2 Bg7 14.Bh5 O-O 15.Ke2 Kxh7 16.Kf3 Rxf7+ 17.Kg4 Rxd7

G2 rsbq1bs1/pppp2p1/4ppk1/8/2B1P3/1P6/1PPPS1PP/1SB3K1
1.e4 h5 2.Qg4 hxg4 3.Be4 Rh3 4.Se2 Rb3 5.axb3 g3 6.Ra6 gxf2=S 7.Re6 fxe6 8.0-O Kf7 9.Rxf2+ Kg6 10.Rf6+ exf6

G3 3R2sr/k4rp1/2s5/1ppSp3/7b/5q1p/P2P1PbP/2BQKBSR
1.e4 h5 2.e5 h4 3.e6 h3 4.exf7=R e5 5.b4 Be7 6.b5 Bh4 7.b6 Qf6 8.bxa7=B b5 9.c4 Bb7 10.c5 Bxg2 11.c6 Qf3 12.cxd7=S c5 13.Sc3 Sc6 14.Rb1 O-O-O 15.Rb4 Rxd7 16.Rd4 Rxf7 17.Rd8+ Kb7 18.Sd5 Kxa7

G3
Michel Caillaud \& Kostas Prentos original


# A new condition - Anticirce Cage <br> by P. Rãican and F. Labelle 

Among the last implemented conditions in Jacobi, from now a known program to solve fairy proof games, are Cage Circe and Anticirce Cage. The first one is an invention by Nicolas Dupont and Étienne Dupuis from 2009. The second is a natural combination between Cage Circe and Anticirce. The simplest definition is: Anticirce in which the rebirth square is a cage. But the definition must be detailed. We assume that:

## Definition: Anticirce Cage (type Calvet)

1. On making a capture, the capturing unit (including King) is reborn as in a Cage Circe rebirth(*). The captured unit disappears, as in normal chess.
2. When there are more than one cage, the side making the capture chooses the rebirth square from the available cages.
3. Since rebirth is obligatory, a capture is legal only if the capturing unit may find a rebirth cage.
4. It is possible to answer a check by spoiling the cage where the checking piece would be replaced.
5. Promotion with capture is legal provided the promoted unit may find a rebirth cage.
6. White pawns may be reborn on the 1st row, from which they can move like ordinary pawns, including making a double step from the second row. Same for black pawns.
7. White pawns may also be reborn as promoted pieces on the last row. In such case, the rebirth square must be a cage for the promoted piece, the type of which is chosen by the side making the capture. Same for black pawns.
8. A King may capture only if he can find a rebirth cage and not end in check; however, he may threaten to capture the opposing King even if after rebirth he would be in check.
9. A cage which coincides with the square of capture is allowed.

Type Cheylan would be the opposite: A cage which coincides with the square of capture is not allowed.
10. A replaced Rook, King (or Rook and King) may be used for castling, provided the usual castling rules are satisfied.
$\left.{ }^{*}\right)$ Rebirth squares are called cages. A cage for a given piece is a square such that if the given piece lied on that square, its only legal moves would be captures.

Let see some examples:
ACC1: This work is rather demonstrative.
Sol: 1.h4 Sf6 2.Rh3 Se4 3.Rg3 Sxd2 [bSd2->h1] 4.Bg5 Sc6 5.f4 Sd4 6.Kf2 Sxe2 [bSe2->h3] 7.gxh3 [wPh3->g8=B] f5 8.Bxh7 [wBh7->h6] Kf7 9.Qxd7 [wQd7->h7] gxh6 [bPh6->g7]

B Ceriani-Frolkin. It is paradoxical, but h 7 is a cage for wQ. Qh7-g8 or Qh7-g6 are selfchecks. Partially checked by Jacobi.


original


Anticirce Cage

## ACC2

Sol: 1.b4 a5 2.bxa5 [wPa5->g6] hxg6 [bPg6->g3] 3.hxg3 [wPg3->f6] gxf6 [bPf6->f3] 4.gxf3 [wPf3->e6] fxe6 [bPe6->e3] 5.fxe3 [wPe3->d6] exd6 [bPd6->d3] 6.exd3 [wPd3->c6] dxc6 [bPc6->c3] 7.dxc3 [wPc3->d7] Rxa2 [bRa2->a8] 8.dxc8=R [wRc8->c8]
7.dxc3 [wPc3->d7] is not check because there is no cage for the white promotion.
7... Rxa2 [bRa2->a8] is bRa8's only legal move to avoid creating a cage on a8 for a promotion to bishop.

Massacre proof game. The piece count shows that every move is a capture, excepted the first two half-moves. C+ Jacobi v0.6.7 RC2 in 1.5h

## En bref

## - feenschach 70 Jubilee Tournee

feenschach turns 70 this year, and so feenschach editorial team announced a Jubilee Tourney dealing with the new fairy condition make\&take, invented at Andernach 2019 (bernd ellinghoven gave a lecture on this condition in Vilnius). Additional fairy conditions (or pieces) will be accepted. Closing date Feb 29, 2020; judges: the feenschach core team: bernd ellinghoven, Hans Gruber, Thomas Brand. Controller: Ulrich Ring - please send your contributions via email to feenschach-70@rxng.de

Prizes: feenschach subscriptions or $F E E=$ NIX books.
An introductory article and the result of the Andernach 2019 composing tourney, both on make\&take, are here http://www.feenschach.de/downloads/f235-make-and-take.pdf

## - $5{ }^{\text {th }}$ Retroblog TT on Fuddled Men proof games

With Fuddled Men, no unit can make two moves in succession. This restriction also holds for the effect on the opponent's king.

In an article Bernd Gräfrath demonstrates this fairy condition with six original proof games, and in order to encourage the further exploration of this thematic field, the Retroblog announces a thematic tourney for proof games with Fuddled Men. Both article and announcement of the thematic tourney you will find at
https://www.thbrand.de/downloads/5rbtt_fuddled.pdf
Please send your entries until March 31, 2020 to Thomas Brand, t.brand@gmx.net; Bernd will judge the tourney.

## - At the end of edition

The vigilance of Michel Caillaud is well known. He does not deny this time either and demolishes the problem \#c3 of the article with which I started the magazine:

Here is the message of Michel:
Jacobi est très lent avec \#C, mais j'ai eu un doute sur la réelle utilité de cette condition dans ce problème et je l'ai enlevée pour voir si Jacobi trouvait des solutions sans elle.
Avec la condition Madrasi seulement, Jacobi trouve plus de 100 solutions. Par exemple:
1.ç3 ç6 2.Da4 Db6 3.Ca3 D×b2 4.D×ç6 Db3 5.Cb5 Dé6 6.Fa3 Ca6 7.Fd6 é×d6 8.D×d7 Cb8 9.a4 Cé7 10.O-O-O Désolé.

François Labelle surprisingly cooked the $5^{\text {th }}$ Comm fairy section, with u\#13 Glasgow ( $\sim 20 \mathrm{~min}$ ): $1 . g 7=\mathrm{Q}+\mathrm{Kh} 52 . \mathrm{f} 7=\mathrm{Q}+\mathrm{Kxh} 43 . \mathrm{e}=\mathrm{B}+\mathrm{Kxh} 34 . \mathrm{d} 7=\mathrm{Q}+\mathrm{Kxh} 2$ 5.Qf4+Kh16.Qxh7+Kg1 7.Qfg4+Kf2 8.Qdf5+ Kxe3 9.Qhh3+ Kd2 10.Bb4+ Kc1 11.Ba3+ Kd2 12.Qa5+ Kc2 13.Qb3+ axb3\# The Jacobi stipulation " $u$ " cannot prove correctness of a " $s$ ", but it can find demolitions. (FL) Thank you, François, for this trick! The problem is then eliminated.

## Annex of the award TT11 Quartz, retro section

A to No 21: Unto Heinonen dedicated to M. Caillaud Probleemblad 2000


PG 28.0

B to No 22: Mark Kirtley
StrateGems 2016 2nd Prize


PG 11.5

C to No 10: Göran Wicklund Probleemblad 2004


PG 24.0
2.1;1...

A 1.h4 a5 2.h5 a4 3.h6 a3 4.hxg7 axb2 5.Rh6 Ra3 6.Rg6 h5 7.d4 h4 8.d5 h3 9.d6 h2 10.dxe7 d5 11.g3 d4 12.Bg2 d3 13.Kf1 d2 14.Qe1 d1=B 15.Sd2 b1=B 16.c4 Be4 17.e3 Rd3 18.a4 h1=B 19.a5 Rh2 20.a6 Sh6 21.g8=B Bg7 22.a7 Bb2 23.Raa6 f6 24.Bd5 Kd7 25.Re6 b6 26.a8=B Bb7 27.e8=B+ Kc8 28.Bec6 Bdf3.

B 1.f4 b5 2.f5 b4 3.f6 b3 4.fxg7 bxc2 5.gxf8=S cxb1=Q 6.Se6 Qxc1 7.Sc5 Qxc5 8.g4 Qxg1 9.g5 Qxh2 10.Bh3 Qxh3 11.Rxh3 a6 12.Rf3
1.h4 b5 2.h5 b4 3.h6 b3 4.hxg7 bxc2 5.gxf8=B cxb1=R 6.Bg7 Rxc1 7.Bc3 Rxc3 8.Sf3 Rxf3 9.g4 Rxf2 10.g5 Rxf1+ 11.Rxf1 a6 12.Rf3

C 1.h4 Sf6 2.h5 Sd5 3.h6 Sb6 4.hxg7 h5 5.gxf8=S h4 6.Sg6 fxg6 7.f4 Kf7 8.f5 Re8 9.f6 Ke6 10.f7 Kd5 11.f8=S Kc4 12.Se6 dxe6 13.b4 Qd4 14.b5 Qh8 15.d4 h3 16.d5 h2 17.d6 hxg1=S 18.d7 Sh3 19.d8=S Bd7 20.Sc6 Sc8 21.b6 bxc6 22.b7 c5 23.bxa8=S Bc6 24.Sb6+ axb6

