

Open Solving Tournament of ECSC 2024 (Germany, Hagen 19.04.2024)

Problems' Difficulty (66 Solvers)

ID	Tag	Difficulty	Average	5(Correct Solution)	0 < Pts. < 5	0 (Wrong Solution)	- (No Solution)
12	S#6	902	0,49	6	1	6	53
4	+	860	0,7	4	10	45	7
9	#6	742	1,29	17	0	25	24
11	H#3,5	622	1,89	15	20	3	28
3	#5	590	2,05	26	2	20	18
6	S#3	406	2,97	32	10	17	7
8	#3	396	3,02	35	7	10	14
5	H#4.5	190	4,05	52	3	2	9
2	#3	178	4,11	42	16	4	4
1	#2	60	4,7	62	0	3	1
7	#2	16	4,92	65	0	1	0

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1) #2 Lindeberg 1. Kb2!

wrong keys (only if > 1x): 1.a5? 2x

2) #3 Janevski 1. d8S!

wrong keys: 1.Re4? 2x

missing or wrong variations: S~ 14x, Sxe6 3x, Sxd3 1x, Sxd5 1x

3) #5 Pankratiev, Müller, Trommler 1.Bxg4!

wrong keys: 1.Bg6? 10x, 1.Sb3? 3x, 1. R2b3? 2x

missing or wrong variations: Bh5 1x, Rxg4 1x

4) + Hergert 1.b6!

wrong moves: 1...Rd8? 20x, 1...Rb2? 10x, 1.Rc3? 2x, 1...Kh8? 2x, 1...Rd2? 2x,

2.Ra1? 3x, 3...Rg1+ 3x, 3...Rxf7 3x

5) H#4.5 Ilievski a) 1...h8R b) 1...h8Q

52 solvers with both solutions

3 solvers with one solution: a) 2x, b) 1x

6) S#3 Velimirovic 1.Ka6!

wrong key: 1.Rg2? 6x, 1.Rh2? 4x, 1. Qxf7? 3x

missing or wrong variations: Qg7 8x, Qg8 2x, Qe8 1x

7) #2 Yaroslavcev 1.Bd2!

wrong key: 1x (a little bit too easy – see problem difficulty)

8) #3 Jahn 1.Bf1!

wrong keys: 1.Re1? 5x

missing or wrong variations: Rf8 4x, g3 3x, Bg2 3x, R~ 2x, Bf1 1x, Ke4 1x

9) #6 Krätschmer 1.Rd4!

wrong keys or moves: **1.Rb3? 10x**, 1.Bf3+? 3x, 2.b3? 5x, 3.Bf3+? 2x

10) = Yakumchik 1.Bg7 unsound - more about this see last page

11) H#3,5 Jones a) 1...Rd6 b) 1...Rxd5

15 solvers with both solutions

20 solvers with one solution: a) 12x, b) 8x

12) S#6 Schneider 1.Rc6!

wrong keys: all 6 are different

17th European Chess Solving Championship 2024 (Germany, Hagen 20.04./21.04.2024)

Problems' Difficulty (69 Solvers)

ID	Tag	Difficulty	Average	5(Correct Solution)	0 < Pts. < 5	0 (Wrong Solution)	-(No Solution)
8	+	870	0,65	9	0	60	0
18	H#5	848	0,76	1	19	5	44
7	+	748	1,26	17	2	49	1
9	+	730	1,35	7	54	8	0
12	S#4	558	2,21	25	11	11	22
4	#3	414	2,93	33	11	15	10
11	S#3	382	3,09	36	10	17	6
1	#2	376	3,12	43	0	25	1
3	#2	318	3,41	47	0	21	1
17	H#3	290	3,55	46	6	1	16
13	#4	290	3,55	41	12	13	3
14	#5	282	3,59	45	9	12	3
2	#2	276	3,62	50	0	19	0
5	#3	232	3,84	51	3	10	5
15	#6	218	3,91	54	0	11	4
6	#3	170	4,15	49	11	8	1
16	H#2	94	4,53	54	15	0	0
10	S#2	80	4,6	59	6	3	1

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1) #2 Nevo, Board 1.f4!

wrong keys: **1.Rxd5? 20x**, 1.Bxf6? 3x

2) #2 Vasilenko, Basisty 1.Se4!

wrong keys: **1.Qc3? 10x**, 1.Bb6? 3x, 1.Sf5? 3x

3) #2 Papack 1.Sh2!

wrong keys: 1.Sd5? 5x, 1.Se3? 5x, 1.Sd3? 3x, 1.Rf3? 3x, 1.Sc2? 2x

4) #3 Sygurov 1.Bf4!

wrong keys: 1.Qd6? 2x, 1.Rf4? 2x, 1.Rf6? 2x (13 different wrong keys)

missing or wrong variations: Bf6 8x, f6 6x, Bd6 2x, d6 1x, thr. 1x

5) #3 Klug, Löwe 1.Rh3!

wrong keys: 1.Kd7? 8x

missing or wrong variations: Bd3 2x, Ba6 2x, Bb5 1x

6) #3 Sygurov 1.Kxc3!

wrong keys: 1.Kc2? 3x, 1.Qb8? 2x

missing or wrong variations: exf6 6x, exd6 3x, e5 3x, Ke6 3x, e6 1x

7) + Hornecker, Minski 1.Sf6!

wrong moves: **1.Sxc4? 15x, 1.fxg3? 14x, 1.Sd5? 4x, 1...b2? 13x, 1...Bxg4? 2x,**
4.Sc4? 2x

8) + Hergert 1.Sg6!

wrong moves: **1.Kb5? 31x, 1.Rd8+? 20x, 1.e4+? 6x**

9) + Stavrietsky1.Ra8!

wrong moves: 1.Ra5? 4x, 1.Ra7? 3x, **1...b2? 17x, 1...Bc6? 7x, 2.h8Q? 3x, 2.Rb8+? 17x,**
2.Rg8? 8x

10) S#2 Milosheski, Mihajloski 1.Rh4!

wrong keys: 1.Rf2? 2x

missing or wrong variations: Se3 5x, thr. 1x

11) S#3 Bilyk 1.Be7!

wrong keys: **1.Rg6? 18x**

missing or wrong variations: Ra2 9x, thr. 2x

12) S#4 Gamnitzer 1.Rb3!

wrong keys: 1.Bc7? 4x, 1.Qa8? 3x, 1.Bf6? 2x

missing or wrong variations: axb3 6x, 2...Bb8 5x

13) #4 Labai, Fica 1.Qc5!

wrong keys: 1.Sxb3? 7x, 1.d3? 3x

missing or wrong variations: **Sb6 10x**, g5 2x, thr. 1x

14) #5 Jahn 1.Kg2!

wrong keys: 1.Ra1? 8x, 1.Rc1? 2x

missing or wrong variations: Bf2 9x

15) #6 Cuppini 1.Rc1!

wrong keys: 1.Kb3? 6x

16) H#2 Haymann 1.Sxd3+ 1. Bf5, 1.Bc3

54 solvers with all three solutions

10 solvers with two solutions: Sxd3/Bc3 8x, Sxd3/Bf5 2x

5 solvers with one solution: Sxd3 2x, Bf5 2x, Bc3 1x

17) H#3 Vinokurov, Kolesnik a) 1.Be7 b) 1.Se6 c) 1.Bg4

46 solvers with all three solutions

3 solvers with two solutions: a/b 1x, a/c 1x, b/c 1x

3 solvers with one solution: a 2x, b 1x

18) H#5 Ugren 1.Re4 1.Bc4

1 solver with both solutions

19 solvers with one solution: Re4 14x, Bc4 5x

Informations about the unsound study of Vitol Yakimchik from 1970 (nr 10 of the open).

Author “solution”: 1.Bg7! Bd5+ 2. Kb4! Rf4+ 3. Kc5 Rf5! 4. Sg3! Kxg3 5. h7 Bg8+ 6. Be5+! Rxe5+ 7.Kd6 Rd5+ 8. Kc6 Rd8 9. Kc7! = (“!” according the book or HHdBVI-database)

Refutation: 1.Bg7! Bd5+ 2. Kb4 Rf4+ 3.Kc5 Bg8! (not 3... Rf5?) 4. Sg3 Rc4+! (not 4...Rh4? 5.Se2 => 5.Kb5 Rh4!! -+ (and not 5... Kxg3? 6.h7 = like mentioned in the book)

Luc had suggested ~5 studies and I have selected just this one. My fault (I apologize for this) was that I did not check this study with 7 pieces with a database – I did not know the Syzygy-database of 7-pieces (see below). I also thought that an endgame with R+B vs. B+S is an easy draw. Now I know that this is not correct if the bishops are moving on different coloured fields. In this case it is often won for R+B. You should know that the 50-move-draw-rule is not valid for studies.

In the Open tournament four solvers found the authors solution until 9.Kc7!:

David Hodge, Bojan Vuckovic, Mihnea Costachi, Dolf Wissmann

Six solvers found the refutation until 5...Rh4!:

Kacper Piorun, Lev Glanzspiegel, Jonathan Mestel, Nikos Sidiropoulos, Vlaicu Crisan, Bogusz Piliczewski

Here you can see the position in the Syzygy-database:

https://syzygy-tables.info/?fen=5B2/8/5r1P/8/8/1K3b2/6k1/7N_w_-_0_1

If you have questions about “DTZ”, “Zeroing”, ... you can find an explanation here:

<https://chess.stackexchange.com/questions/28520/what-do-dtm-dtz-dtc-dtr-dtz50-and-dtzt-mean>

I also got the information that the 8-piece-TB will probably be available next year. A lot of studies will probably be cooked after that.