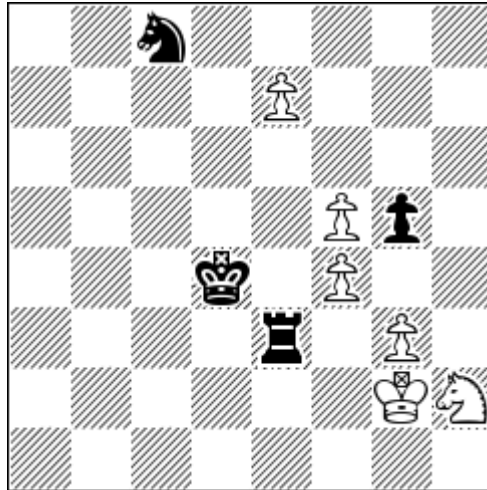


WCCI 2019-2021 . Study #1.

Petr Kiryakov
"Gravure" 2019, 1st h.m.



+ (6+4)

1. f6 Nxe7

1... Nd6 2. Nf3+ Kd5 3. Nxe7 +- for example, 3... Kc6 4. Kf2 ;

1... Re2+ 2. Kf3!

(2... Kh3 Nd6 3. Nf3+ Kd5 4. Nxe7 Kc6 = ;

2... Kf1 Rxe7 3. fxe7 Nxe7 4. Nf3+ Ke3 = ;

2... Rxe7

(2... Re3+ 3. Kf2 gxf4 (3... Nxe7 4. f5 +- ; 3... Nd6 4. Nf3+ Kd3
5.Nxe7 +-) 4. Nf3+! Kd5 5. f7 +-)

3. fxe7 Nxe7 4. fxg5 Ke5 5. Kg4 +-

2. f5! Rxe7

(2... Nxf5 3. f7 Rxe7 4. Kh1 {see 2....Rxe7} ;

2... Re2+ 3. Kg1 (3. Kf1? Nxf5=) 3... Re1+ 4. Kf2 +-)

3. Kh1!

(3. Kf2 Nxf5 4. f7 Rg2+! 5. Kxe2 Nh4+ 6. Kg3 Ng6=)

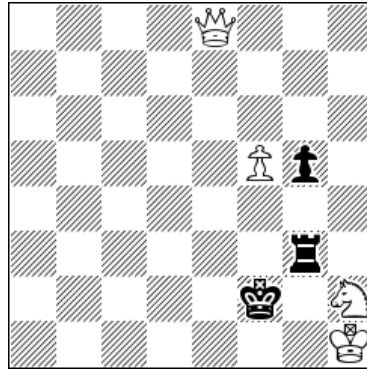
3... Kd3! counterplay (3... Ke3 4. Nf1+ +-)

4. fxe7 Ke2 5. e8=Q+!

(5. Nf3 Kxf3! 6. e8=Q Kf2 = ; 5. Ng4 Rxe7 6. e8=Q+ Kf2! 7. Qh5

Rg1+ 8. Kh2 Rg2+ =)

5...Kf2



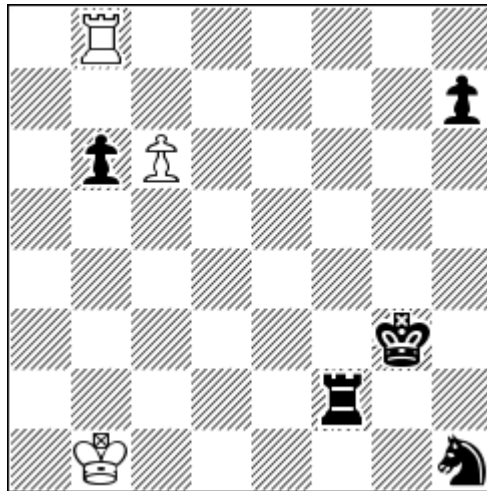
6. Qe3+!!

6. Ng4+ Rxg4 7. Qh5 Rg1+ 8.Kh2 Rg2+ =;

6... Kxe3 (6... Rxe3 7. Ng4+ +-) 7. Nf1+ Kf4 8. Nxc3 +- *

WCCI 2019-2021 Study #2

Petr Kiryakov,
"EG" 2020 (award will be in 2022)



+ (3+5)

1. c7 Rf1+ 2. Kb2 Rf2+ 3. Kb3 Rf3+ 4. Kb4 Rf4+ 5. Kb5 Rf5+ 6. Kxb6 Rf6+ 7. Kb5!

7. Kc5? Rf1! 8. Rb3+ Kg2! 9. Kd4 Rf4+ 10. Kc3 Rf3+ 11. Kb2 Rf2+ 12. Ka3 Rf8 13. Rb2+ Nf2! 14. Rb8 Rf3+ 15. Kb4 Nd3+ =

7... Rf5+ 8. Kb4 (Or 8. Kc4 Rf4+ 9. Kb3) 8... Rf4+ 9. Kb3 Rf3+ 10. Ka2! Rf2+ 11. Rb2

Systematic movement. Step #1

11... Rf8 12. Rb3+ Kg4 13. Rb8 Rf2+ 14. Kb3 Rf3+ 15. Kb4 Rf4+ 16. Ka3! Rf3+ 17. Rb3

Step #2

17... Rf8 18. Rb4+ Kg5 19. Rb8 Rf3+ 20. Kb4 Rf4+ 21. Kb5 Rf5+ 22. Ka4! Rf4+ 23. Rb4

Step #3

23... Rf8 24.Rb5+ Kh6

24... Kg6 25. Rb8 Rf4+ 26. Kb3 (White King goes e3 to trap the Nh1. Some minor duals are possible on that way to xe3, for example, 26. Kb5 Rf5+ 27. Kb4 Rf4+ 28. Kc3)

26... Rf3+ 27. Kc2 Rf2+ 28. Kd3 Rf3+ 29. Kd4 Rf4+ 30. Ke3!

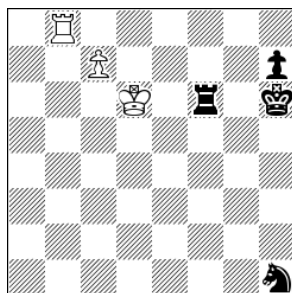
(30. Kd5 Rf5+ 31. Kd6 Rf6+ 32. Ke7? Rf7+! = King g6 controls xf7 - compare with main line 24...Kh6)

30... Rc4 31. c8=Q Rxc8 32. Rxc8 Kg5 (32... Ng3 33. Rg8+ +-) 33. Kf3! +/-

25. Rb8 Rf4+ 26. Kb3 Rf3+ 27. Kc2 Rf2+ 28. Kd3 Rf3+ 29. Kd4 Rf4+ 30.Kd5!

30. Ke3? Rc4 31. c8=Q Rxc8 32. Rxc8 Ng3! = No Rg8+ like in the 24...Kg6 line

30... Rf5+ 31. Kd6 Rf6+



32. Ke7!

Try 32. Ke5 Rc6 33. Rb6 Rxb6 34. c8=Q Ng3! 35. Qh3+ (35. Qf8+ Kh5 36. Qf3+ Kh4! =) 35... Kg7 36. Qxg3+ Rg6 37. Qc3 (or any other Q move) h6!! = Fortress

32... Rc6 33. Rb6 Rxb6 34. c8=Q Ng3 35.Qh3+ Kg7

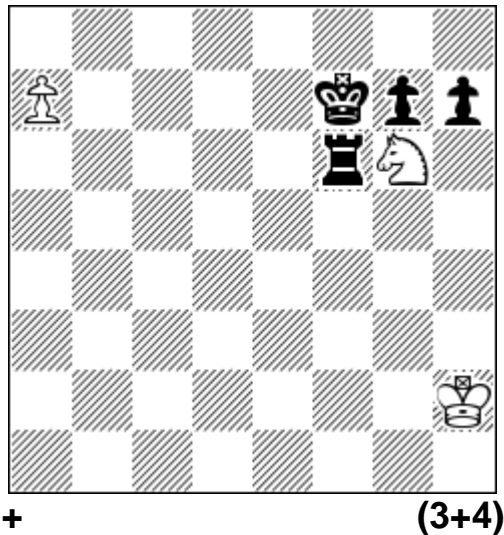
35....Nh5 36.Qe3+! +/-

36.Qxg3+ +- Easy win, no fortress here

5 runs by White King : Kb1-b6, Kb6-a2, Ka2-Ka4,Ka4-c2,Kc2-e7;
3-steps systematic movement.

WCCI 2019-2021 . Study #3

Petr Kiryakov
Moscow Tourney, 2020, 2nd Pr.



1. Nh8+!

1. Ne5+ Ke6 2. a8=Q Kxe5=

1... Kg8 2. a8=Q+ Rf8 3. Qa3! An original Queen stairway

3... Re8 4. Qa4 Rf8 5. Qb4 Re8 6. Qb5 Rf8 7. Qc5 Re8 8. Qc6 Rf8 9. Qd6 Re8 10. Qd7 Rf8 11. Qe7 Rf6 12. Kh3!

12. Kg3? h6 13. Nf7 Rxf7 14. Qe6 g6! 15. Qxg6+ Rg7=

12... h6

12... Rh6+ 13. Kg4 Rf6 14. Nf7 Rxf7 15. Qe6 g6 16. Kg5! Kg7 17. Qe5+ Kg8 18. Kh6+-

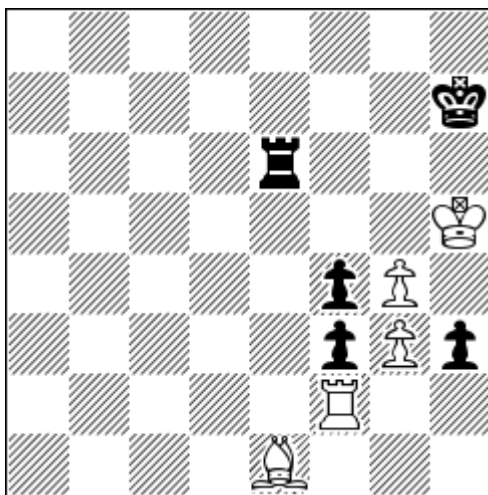
13. Ng6!

13. Nf7? Rf3+! 14. Kh4 Rf4+ 15. Kh5 Rf5+ 16. Kg4 Rxf7 17. Qe6 g6! =

13... Rxg6 14. Qe8+ Kh7 15. Qe4 h5 16. Kh4 Kh6 17. Qf4+ 17..Kh7 18. Qf5 Kh6 19. Qxh5# 1-0

WCCI 2019-2021 Study #4

Petr Kiryakov
"Ceskoslovensky Sach", 2019, Sp.pr.



= (5+5)

1. Rh2! Re2 2. Bf2!

2. Rh1 Rxe1! 3. Rxe1 fxg3! (3... f2 4. Re7+ Kg8 5. Kg6 Kf8 6. Rf7+ Ke8 7. Rxf4 = fortress) 4. Re7+ Kg8 5. Kg6 Kf8 6. Rf7+ Ke8 -+

2...Rxf2!

2... fxg3 3. Rxh3! =

3. Rxh3

3. Rxf2 fxg3 -+

3... Rh2! 4. Rxh2 fxg3 5. Rh3!

5. Ra2 f2 6. Ra7+ Kg8 7. Ra8+ Kf7 8. Ra7+ Ke6 (8... Kf6? 9. g5+! Ke6 10. Ra6+ Ke5 11. Rf6 g2 12. Rxf2 = fortress) 9. Ra6+ Ke5 (9... Kd5? 10. Rf6 =) 10. Ra5+ Ke4 (10... Kf4) 11. Rf5 Ke3! -+ promoting the pawns

5... g2

5... f2 6.Kh4! f1=Q 7. Kxg3+ Battery play #1 7... Kg6 8. Rh5! =
fortress

6. Kg5+! Battery play #2

6. Rxf3 g1=Q 7. Rf7+ Kg8! +- (7... Kh8? 8. g5 =)

6... Kg7 7.Rh6!!

Forcing the Black king to move to e-file. 7. Rxf3? g1=Q +-

7... g1=Q 8.Rg6+ Kf7

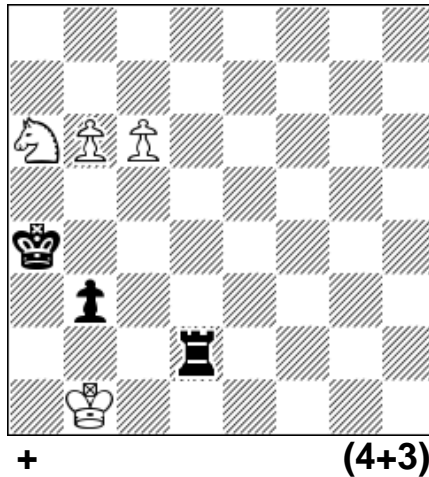
8... Kh7 9. Rh6+

9. Rf6+ Ke7 10. Rxf3 = reaching the fortress. Black king is cut off
along the f-file. White holds this position in all variants, for
example:

10... Qc1+!? 11. Kh4! Qh1+ 12. Kg3 Qe1+ 13. Kh3! (not 13. Kg2?
Qh4! +- or 13. Rf2? Qg1+! +- ruining the White's defence) **13...
Ke8 14. Rf5! =**

WCCI 2019-2021 Study #5

Petr Kiryakov
"Phenix", 2019, 2nd h.m.



1. c7

1. b7 Ka3 2. Kc1 Rc2+ 3. Kd1 Rxc6 4. b8=Q Rxa6 5. Kc1 Rc6+!
6. Kb1 Rc2! = switchback Rc2-c6-a6-c2

1... Ka3 2. c8=R!

2. c8=Q Rd1+ 3. Qc1+ b2! 4. Qxd1 = stalemate

2... Rb2+ 3. Kc1 Rh2 4. Rc3! Rh6 5. b7 Rb6 6.Rc5!

6. Nc5 Rxb7! 7. Nxb7 Ka2 =

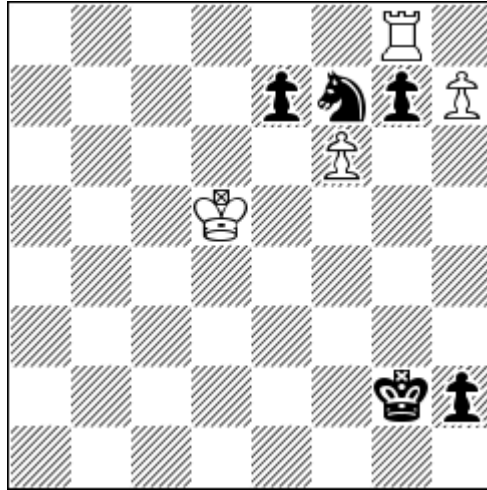
6... Rxb7

6... b2+ 7. Kb1 Rxb7 8. Ra5+ Kb3 9.Nc5+ Kb4 10. Nxb7 +-

7. Ra5!# 1-0

WCCI 2019-2021 , study #6

Kiryakov Petr
"Zadachi i Etyudy", 2019, 3rd h.m.



+ (4 + 5)

1. h8=Q Nxh8 2. fxg7 e6+!

(2... Ng6 (2...Nf7) 3. Rh8 Nxh8 4. g8=Q+ Ng6 5.Qxg6+ +-)

3. Kc6!

Try 3. Kxe6? Nf7! 4. Rh8 (4. Ra8 Nh6 =) 4... Nxh8 5. g8=Q+ Ng6! 6. Qa8+ Kg1 7. Qa1+ Kg2 8. Qb2+ Kg1 9. Qb1+ Kg2! 10.Qc2+ Kg1 11. Qd1+ Kg2 12. Qg4+ Kf2! =

3... Ng6 4. Rh8! Ne7+

4... Nxh8 5. g8=Q+ Ng6 6. Qxg6+ +-

5. Kd7! Ng8 6. Rxc8

6. Kxe6 h1=Q 7. Rxc8 Kxc8 8. Kf7 Nh6+ =

6... h1=Q 7. Rh8 Qd1+ 8. Ke7! +- *

8.Ke8? Qa4+=