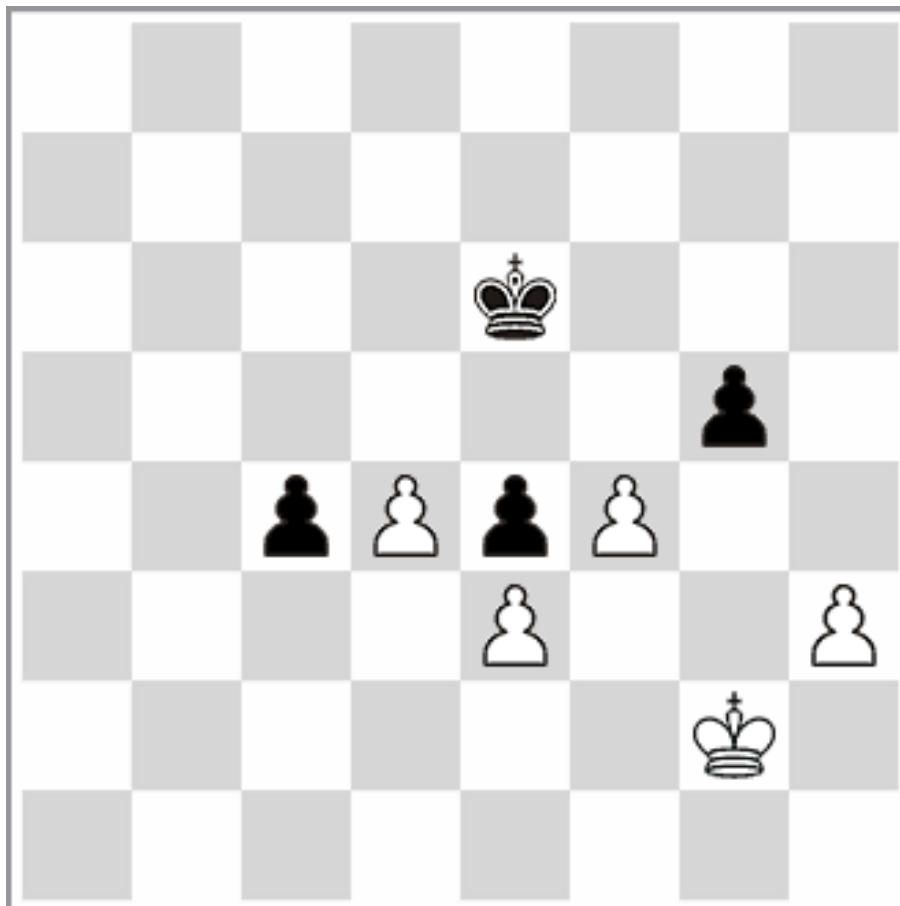


Hello, I would like to present you position pawn endgame, in my opinion it has got value of the compositional. I created study of pawns endgame. I was inspired by analysis of my own chessgame.

There wasn't exactly this position, however it was possible. My later analysis took me below stuff.

White: Kg2, p. d4, e3, f4, h3;  
Black: Ke6, p. c4, e4, g5; [5+4]

Win:



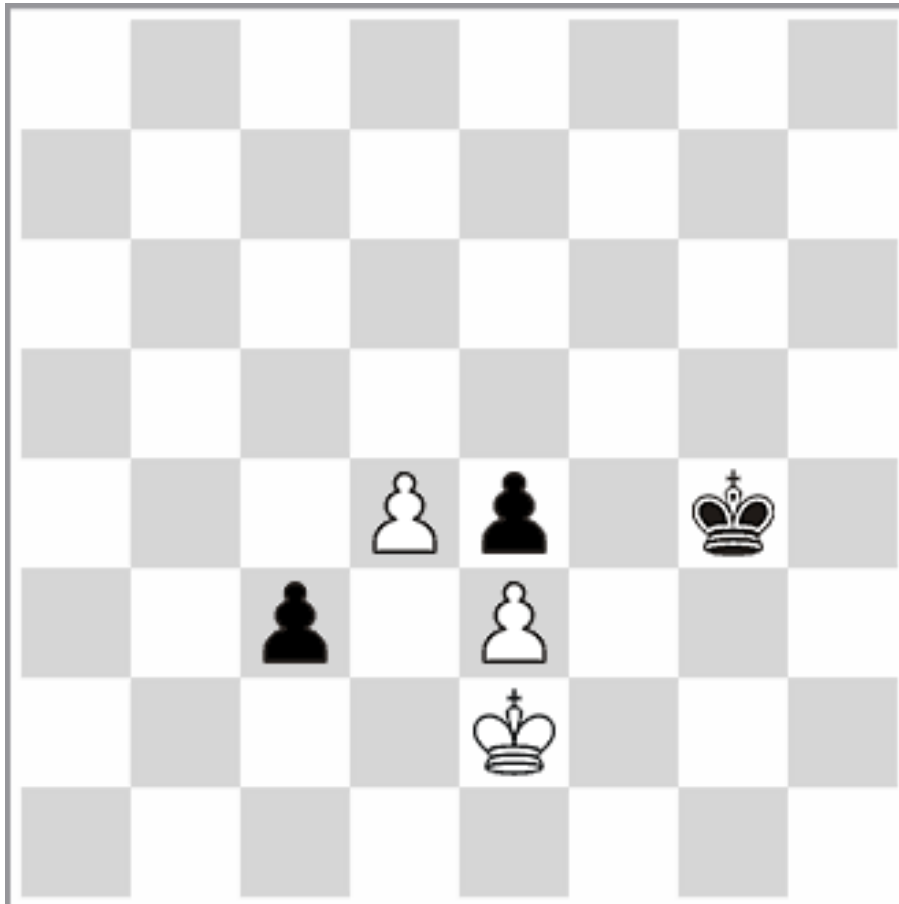
Below I present whole solution with my own analysis and comments. I hope that this analysis has got value of the compositional. Please get acquainted with it.

**Solution:**

1. f5+!/i K:f5
2. Kf1!/ii c3
3. Ke1!/iii Ke6/iv
4. Kd1 Kd5
5. Kc1!/v Kc4
6. Kc2 Kb4
7. d5 Kc5
8. K:c3 K:d5
9. Kb4 Kd6
10. Kc4 Ke5
11. Kc5 Ke6
12. Kd4 Kf5
13. Kd5 Kf6
14. K:e4 Ke6
15. Kf3 Kf5
16. e4+ Kg6
17. Kg4 Kf6
18. Kh5!/vi Ke5
19. K:g5 K:e4
20. h4 Ke5
21. h5 Ke6
22. Kg6!/vii Ke7
23. h6 Kf8
24. h7 1-0

/i Only this way! White won't win after 1. Kf2? (or Kf1?) <1...c3? 2. f5+! [2. Ke2? gf4 3. ef4 Kd5 4. f5 Kc4! 5.f6 c2 6. f7 (or 6. Kd2 Kb3 7. f7 e3+! 8. Kd3 c1Q 9. f8Q Qd2+ 10. Ke4 e2 with black win!) c1Q 7. f8Q Qc2+ 8. Kf1 =] 2...K:f5 3. Ke1! +/-> 1...gf4 2. ef4 c3 3. Ke3 Kf5! 4. d5 c2 5. Kd2 e3+ 6. K:c2 K:f4 7. d6 (7. Kd1 Ke5 8. h4 K:d5 9. h5 Ke6=) 7...Kf3! 8. d7 e2 9. d8Q (9. Kd2 Kf2) 9...e1Q and queen endgame will be draw

/ii After 2. Kf2? g4! 3. hg4+ K:g4 4. Ke2 c3! white will be in zugzwang and will be a draw!



**This is key position for this study – mutual zugzwang; in this zugzwang black will lose in their own move, in case when white to move, black will be save.**

Now it's possible:

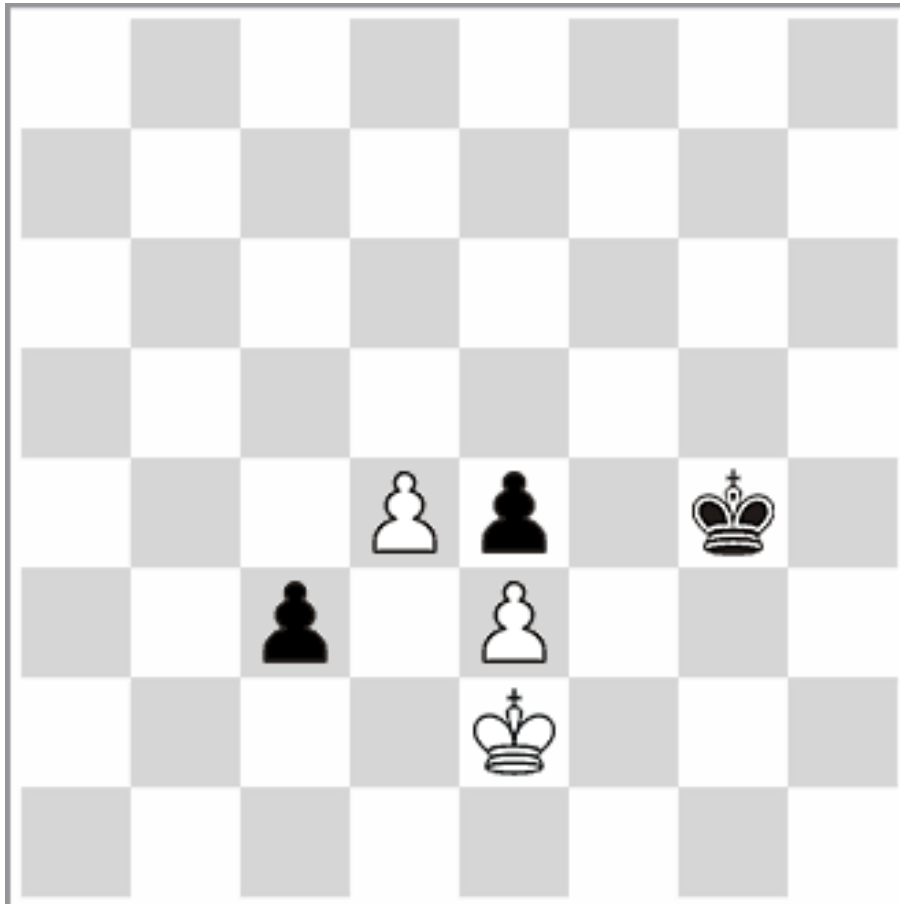
A. 5. Kd1 Kf3! 6. d5 K:e3 7. d6 Kf2 8. d7 e3 9. d8Q e2+ 10. Kc2 e1Q 11. Qd3 with draw queen endgame

or

B. 5. d5 Kf5! with the capture d-pawn and black will save by opposition for example next battle 6. Kd1 Ke5 7. Kc2 K:d5 8. K:c3 Kc5 = ( even sacrifice the pawn 8...Kc6!? 9. Kd4 Kd6 10. K:e4 Ke6 = will be enough for black)

/iii Of course we should be careful to not will be in zugzwang after careless: 3. Ke2? g4! 4. hg4+ K:g4 =

/iv Now for black isn't enough to 3...g4 4. hg4+ K:g4 5. Ke2!



**Position is the same, but black to move and it made their lose, e.g.:**

A. 5...c2 6. Kd2 Kf3 7. d5 c1Q+ 8. K:c1 K:e3 9. d6 Kf2 10. d7 e3 11. d8Q e2 12. Qd4+ and white win elementary endgame

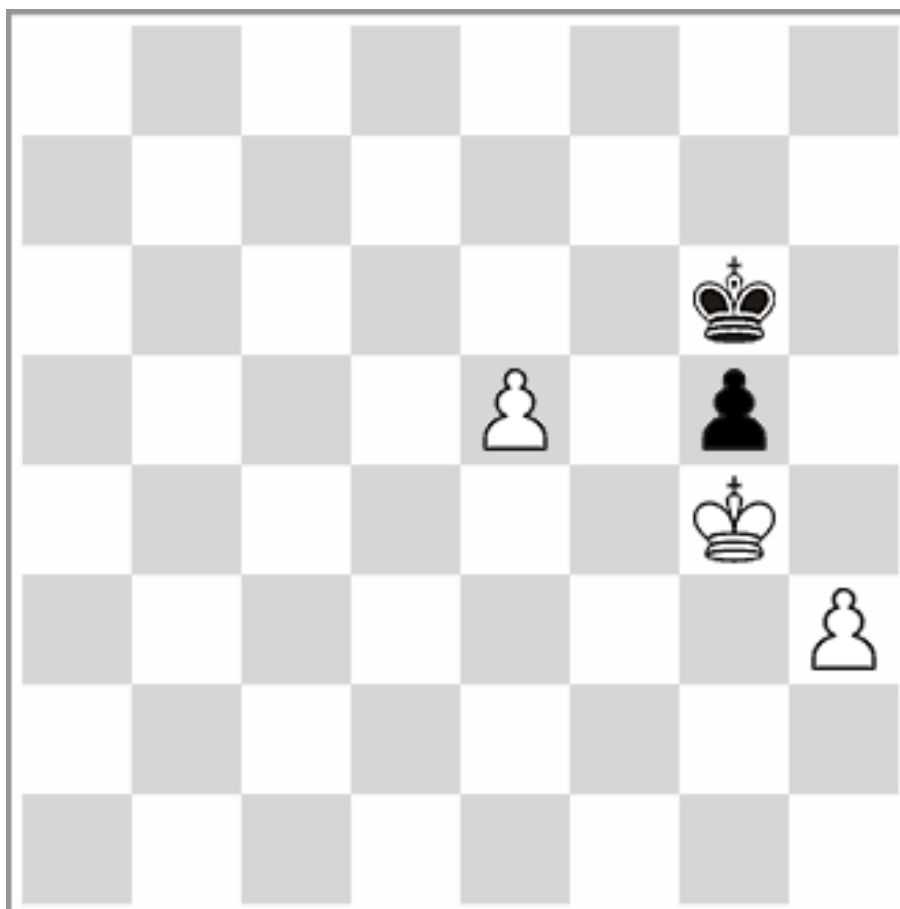
or:

B. 5...Kf5 6. Kd1 Kg4 7. Kc2! (*but not: 7. d5? Kf5! 8. Kc2 Ke5 9. K:c3 K:d5 10. Kb4 Kd6 11. Kc4 Ke5 12. Kc5 Ke6 13. Kd4 Kf5 14. Kd5 Kf6 15. K:e4 Ke6 draw*) 7...Kf3 8. d5 K:e3 9. d6 Kf2 10. d7 e3 11. d8Q e2 12. Qh4+ Kf1 13. Qf4+ Kg1 14. Qg3+ Kf1 15. Qf3+ +/-

/v Triangulation! Of course after: 5. Kc2? Kc4 = (6. d5 K:d5 7. K:c3 Kc5 =); 5. Kc2 Kc4 6. Kc1 Kb4 7. Kd1 Kb5 8. Kc1 Kb4! =

As a curiosity it should be added that after: 1. f5+ K:f5 2. Kf1 c3 3. Ke1 Ke6 4. Ke2 Kd6 5. Kd1 Kd5 also will have to be Kc1

/vi I would like to say: we should be careful to the end because now careless 18. e5+ was ending by draw after 18...Kg6!!



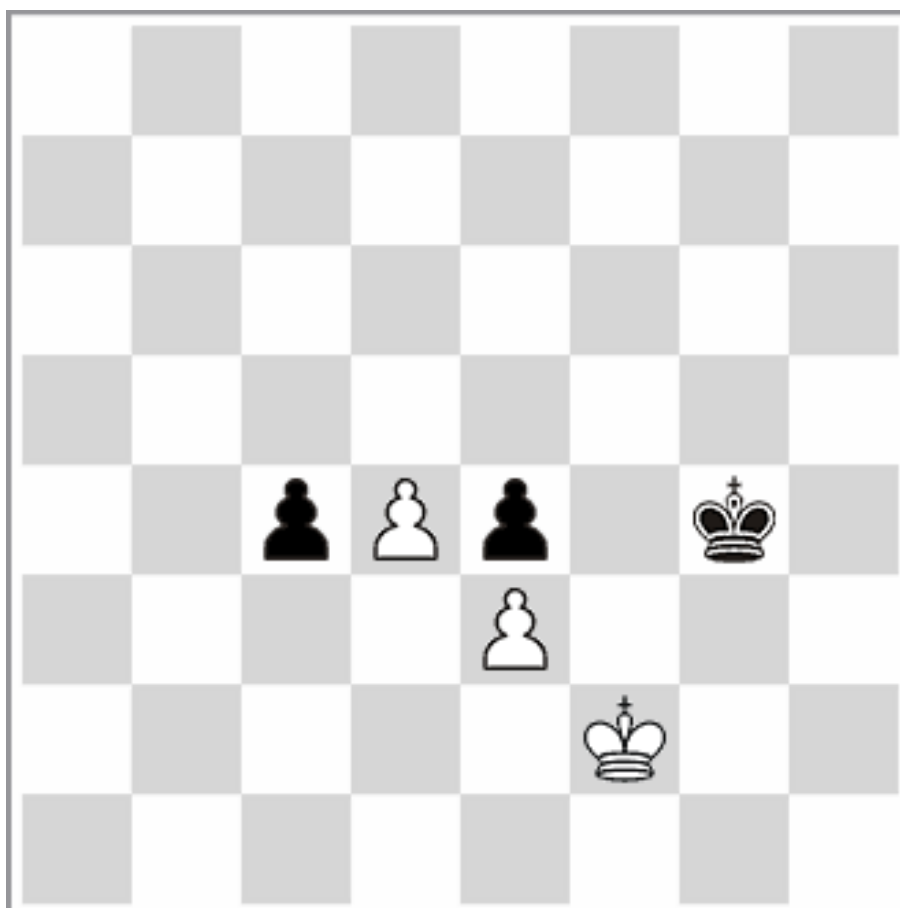
and white draw on their own move, e.g.: 19. e6 Kf6 20. e7 K:e7 21. K:g5 Kf8 22. Kg6 Kg8 =

/vii Only! After: 22.h6? Kf7 = or: 22. Kh6 Kf7 draw

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To exhaust a topic, is it worth to saying that we could play in this way:

1. f5+ K:f5
2. Kf1 g4
3. hg4+ K:g4
4. Kf2!



King to f2 square for waiting and for f3 square guard! Only this multipurpose move wins the game!

4... c3

5.Ke2! +/-

or:

4...Kf5

5. Ke2 Ke6

6. Kd2 Kd6

7. Kc3 Kd5

8. Kb4! also white win

Kind regards,  
Grzegorz Mazur

My FIDE profile: <http://ratings.fide.com/card.phtml?event=1161148>

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