Tactical Endgames



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Preface

Our extensive work on tactical endgames is divided into three parts. In Part I, 100 interesting and instructive examples from master practice are thoroughly analyzed and commented on in detail. These are assigned to five topic areas that are particularly important in the endgame, such as 'zugzwang', 'king activity', etc. The focus is deliberately on examples in which fascinating elements are combined with instructive and therefore practical ones. Many useful rules of thumb and their often even more important exceptions are also explained and illustrated.

In Part II 'Practice makes perfect', the reader has the opportunity to immediately test his previous knowledge and everything he has learned in Part I. The 50 exercises from practice contain various combinatorial elements. While knowledge of the more advanced endgame theory is not required, basic knowledge is necessary to recognize and correctly assess elementary drawing or winning positions.

Part III offers 100 fascinating studies. We felt it appropriate to include a larger number of examples of this chess art form, as that is where the majority of tactical endgame ideas emerge most clearly and instructively. We have attached great importance to the fact that these are practice-oriented positions that could well have been taken from a real game and whose solutions are clearly comprehensible. And only in a few cases have we included examples of a different kind, namely when it was a matter of conveying to the reader what we felt to be a particularly important and instructive motif.

However, you can also view the book as a pure textbook and turn directly to the solutions, because even with this approach you can enrich your existing knowledge with many typical endgame motifs and procedures.

We are sure that the fascination in the realm of endgames will also captivate you and that you will enjoy the final phase of the game accordingly.

We would like to thank Frederic Friedel and Rainer Woisin from ChessBase for the idea of working with QR codes, Robert Ullrich from Beyer Verlag for the harmonious cooperation and Thomas Beyer for the exemplary layout.

Karsten Müller and Jerzy Konikowski Hamburg / Dortmund, August 2024

Part I

Main tactical motifs in the endgame

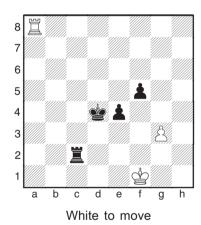
Chapter 1

The active role of the king

In the opening and middle game, the king rarely takes an active role, since a full board means that he still has to be careful and needs protection. However, this usually changes completely in the endgame, because then his activity and mobility often have a major influence on the final result. This is confirmed and illustrated in most of the examples selected for this book – but especially in the following examples 1 to 20.



Example 1



73. Sf8? turned out to be the wrong approach.

The lateral attack 73. 罩a5! leads to a draw after 73... 並d3 and the intermediate check 74. 罩d5+! with the possible continuation 74... 並e3 75. 罩xf5 罩c1+ 76. 並g2 並e2 77. 罩f2+ 並d3 78. 罩f8 (78. 罩a2? 罩c2+-+) 78...e3 79. 罩d8+ 並e2 80. 罩a8 並e1 81. 並f3 e2 82. 罩a2 罩c3+ 83. 並f4 並f1 84. 罩a1+ e1 豐 85. 罩xe1+ 並xe1 86. g4=.

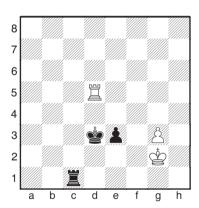
73...**∲d**3!

This pointed pawn sacrifice ensures the activation of the king.

74.買xf5 罩c1+!

Not the hasty 74...e3? 75.\(\bar{\pi}\)d5+ \(\dot{\ph}\)e4 76.\(\bar{\pi}\)d8=.

75. ±g2 e3 76. \2d5+



Now the double threat ₫xd5 and e2 is decisive.

76... 中e2? would be a loss of tempo, because after 77.g4! 單d1 78.罩e5 空d3 79.罩d5+ 空c2 80.罩e5, White could save the endgame.

77. Ed8 e2 78. Ee8+ 空d3 79. Ed8+ 空c3 80. Ec8+ 空b2 81. Eb8+

81.\(\mathbb{Z}\)xc1 \(\delta\)xc1 \(82.\delta\)f2 \(\delta\)d2-+

81...☆a3 82.ଞe8 e1∰ 83.ଞxe1 ଞxe1 84.g4

This advance allows the king to be cut off directly.

However, 84. \$\ddot\delta\$f3 also loses, because after 84... \$\ddot\delta\$b4 85.g4 \$\ddot\delta\$c5 86. \$\ddot\delta\$f4 \$\ddot\delta\$d6-+, the black king returns in time.

84... \(\mathbb{Z} = 3 \) and 0-1 because of 84... \(\mathbb{Z} = 3 \) 85.g5 \(\mathbb{Z} = 5 \) 86.g6 \(\mathbb{Z} = 5 + -+ \), Vetoshko - Fernandez Guillen, Sitges 2023.

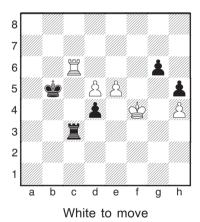
− 52. $\stackrel{.}{\triangle}$ e4? is also wrong in view of the continuation 52... $\stackrel{.}{\Xi}$ xc6 53.dxc6 $\stackrel{.}{\triangle}$ xc6 54. $\stackrel{.}{\triangle}$ xd4 $\stackrel{.}{\triangle}$ d7 55. $\stackrel{.}{\triangle}$ d5 $\stackrel{.}{\triangle}$ e7 56.e6, because now the breakthrough 56...g5 secures the draw after 57.hxg5 h4 58.g6 h3 59.g7 h2 60.g8 $\stackrel{.}{\Box}$ h1 $\stackrel{.}{\Box}$ + =.

52...d3 53. de3 \(\frac{1}{2}\)c5

After 53... 空c4, White wins with 54. 區c6+ 空b3 55. 空d2 區c2+ 56. 區xc2 dxc2 57. 空c1.



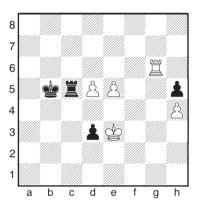
Example 2



52.\\xg6!

After this correct approach, the connected passed pawns will win.

- On the other hand, 52.罩xc3? dxc3 53.党e3 党c4 leads to a theoretical draw in a queen endgame: 54.d6 党b3 55.d7 c2 56.d8營 c1營+ 57.營d2 營g1+ 58.營f2 營c1+ 59.党e4 營c6+ 60.党f4 營e6 61.營e3+ 党c4 62.營e4+ and now the triangle maneuver 62...党b5 (62...党c5? 63.党g5+-) 63.党g5 党c5= secures the draw.



54. Фxd3!

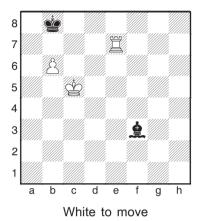
The right decision: White parts with one of his passed pawns so that he can then use the king dynamically.

The alternative 54.單d6 空c4 55.e6 空c3 56.單c6 罩xc6 57.dxc6 d2 58.c7 d1營 59.c8營+ 空b3 60.營d7 also wins, but is far too laborious and time-consuming.

54... 置xd5+ 55. 空e4 空c5 56. 置g8 置d4+ 57. 空f5 罩d5



Example 3



110.b7!

Since the pawn hinders the activation of the king, White has to get rid of it.

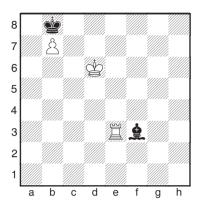
110...**∲a**7

After 110...\(\delta\)xb7? 111.\(\delta\)b6+-, it would be over immediately.

111. 中d6 中b8 112. 里e3

Moving the king to b6 also led to a win; e.g. 112.堂c5!? with the possible continuation 112...堂a7 113.罩c7

- 113...∳b8 114.∳b6 ≜g4 115.⊑f7+-
- 113... gxb7 114. 空b5! 空b8 115. 空b6 ge4 116. 罩e7 gg6 117. 罩g7+-



112...<u>\$g</u>2

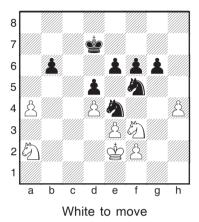
After 112... \(\hat{2}\)xb7, White wins with 113.\(\bar{\pi}\)e8+ \(\hat{\ph}\)a7 114.\(\hat{\ph}\)c7 \(\hat{2}\)d5 115.\(\bar{\pi}\)e5 \(\hat{2}\)c4 116.\(\bar{\pi}\)a5+ \(\hat{2}\)a6 117.\(\bar{\pi}\)a1+-.

After the king has closed the mating net, the fight is over. Normally the pawnless endgame ' $\Xi \leftrightarrow \underline{\hat{z}}$ ' is a draw, but this is an exception.

1-0 because of 116... \(\dot{\phi} \) c8 117. \(\dot{\phi} \) c2+ \(\dot{\phi} \) b8 118. \(\dot{\phi} \) h2+-, Fernandez Guillen - Alekseenko, Sitges 2023.



Example 4



After **53.2d2?** White simply loses a pawn without gaining the slightest counterplay.

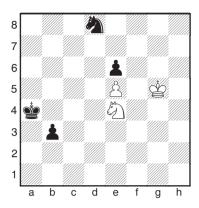
53...ව්xd2 54.ජ්xd2 ව්xh4 55.ව්b4 විf5 56.ව්d3 g5 57.ජ්c3 ජ්c6 58.ජ්d2 ව්d6 59.f3 ජ්b7 60.ව්f2 ජ්a6

Now the king will penetrate the opponent's position.

61.e4 dxe4 62.fxe4

62. (a) xe4 (b) xe4+ 63. fxe4 (c) b7-+

62... 堂a5 63. 堂d3 堂xa4 64.e5 fxe5 65.dxe5 包f7 66. 堂d4 包d8 67. 包e4 g4 68. 堂e3 b5 69. 堂f4 b4 70. 堂xg4 b3 71. 堂g5



71...ᡚc6

The activation of the knight is a proof of good endgame technique.

However, the direct approach 71...b2 also wins after the possible continuation 72.党f6 党b4 73.②d2 党c3 74.②b1+ 党d4 75.党e7 劉c6+ 76.党xe6 ②xe5-+.

72.€c5+

72.∯f6 ∮)d4-+

72...增b4 and **0-1** in view of the possible lines:

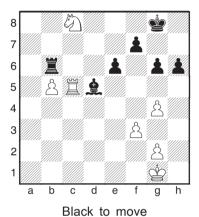
- 73.∮xe6 b2-+
- 73.∮\xb3 Φxb3 74.Φf6 ∮\d4-+
- 73.4\d3+ \darkarrow\c3 74.4\c5 b2 75.4\darkarrow\c4 b3 76.4\darkarrow\c4 b2 77.4\darkarrow\c4 b4-+

Vidit - Carlsen, Samarkand (Rapid) 2023

In the next endgame we also see Carlsen's king in exemplary action.



Example 5



39....^図b8?

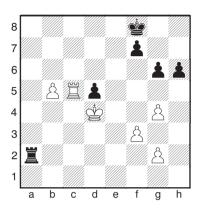
This mistake leads to a lost rook endgame because White's king can come to the aid of the passed pawn.

After the correct 39... 置b7!, Black's king could also be activated; e.g. 40. 空f2 空f8 41. 空e3 置b8 42. 空d4 f6 43. ②a7 罩b7 44. ②c6 空e8 45. ②b4 逸b3, and Black can hold the position, although the defense over the board is still not easy.

40.₺e7+ ₺f8 41.₺xd5 exd5 42.₺f2 Here comes Carlsen's king!

42...≌a8 43.фe3 ≌a2 44.фd4!

... and marches forward undeterred.



44...≅xg2

After 44... Id2+ White wins with 45. 空e5 in the following lines:

- 45... 空e8 46. 罩xd5 罩xg2 47. 空f6 罩f2 48. 罩d3 罩b2 49. 罩e3+ 空f8 50. 罩e7 罩xb5 51. 罩xf7+ 空g8 52. 空xg6+-
- 45...d4 46.⊈f6 \(\bar{2}\)e2 47.\(\bar{2}\)c6!

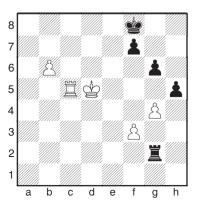
The point of this subtle move is that the rook shields the powerful king.

- 47... фe8 48. \(\bar{\pi} \)c8+ \(\phi \)d7 49. \(\bar{\pi} \)c4+-
- 47... 空g8 48. 罩c8+ 空h7 49. 空xf7 罩e5 50. 空f6 罩xb5 51. 罩c7+ 空g8 52. 空xg6 罩b6+ 53. 空f5 罩d6 54. 罩c2+-

45.⊈xd5 h5

45... 空e7 46.b6 空d7 47. 罩c7+ 空d8 48. 罩xf7 空c8 49.f4+-

46.b6



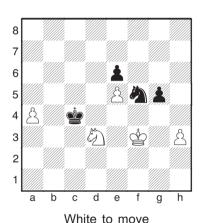
Chapter 2

The power of the pawns

It's only in the endgame that the enormous power of pawns comes to the fore, after all, each and every one of these simple foot soldiers has the potential to become a new queen. This power is evident in numerous special endgame motifs, such as: passed pawn, protected passed pawn, distant passed pawn, far-advanced passed pawn, connected passed pawns, races, breakthrough and the like.



Example 21



55.h4! ★xe5 **56.h5** and **1-0**, because after the sacrifice of the center pawn, the h-pawn can advance unhindered, Cheparinov – Alhassadi, Baku 2023.

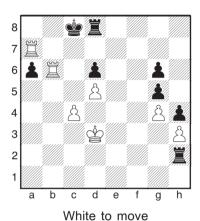
With **51.a5!** White sacrificed his knight so that his passed pawn could advance as far as possible. Now the opponent's knight has to guard it and cannot perform any other tasks.

51...**⊈xd3**

52.a6 �d4+ 53.⊈g4 ᡚc6 54.⊈xg5 ⊈e4



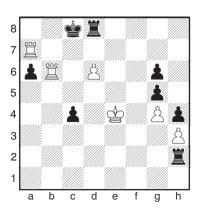
Example 22



With the precisely calculated clearing sacrifice 40.c5! White gives his rooks even more effectiveness, creates a passed pawn and allows his king to escape checks and advance into the opponent's camp.

40...dxc5 41.d6 c4+ 42. 2e4!

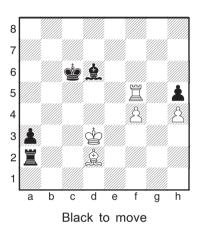
This is the simplest and quickest way to win, because after 42.党xc4 Black could still delay the loss with 42...罩c2+ 43.党d5 罩d2+ 44.党e6 罩e2+ 45.党f6 罩f2+ etc.



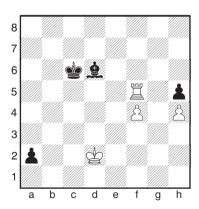
1-0, since 42... \(\begin{align*}
2 e2+ would cost the rook after 43. \(\begin{align*}
2 f3, Bjerre - Albarnoz, Havana 2023.



Example 23



After the clearing sacrifice 47... \(\mathbb{Z}\)xd2+! the a-pawn received the green light, and after 48.\(\dot{\phi}\)xd2 a2 ...



... White immediately resigned. Because after 49.\(\mathbb{\mathbb{Z}}\)a5 \(\ddot{\dot}\)b4+ 50.\(\dot{\dot}\)c2 \(\ddot{\dot}\)xa5 51.\(\dot{\dot}\)b2 one of the passed pawns is lost, but after

Chapter 3

Zugzwang

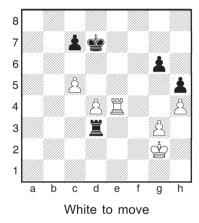
Normally, it's an advantage when it's your turn to make a move. But with only a few pieces left on the board, the downside of the obligation to move sometimes becomes apparent. Because if all the pieces are already optimally placed, any move you make must logically lead to something becoming more or less worse. The technical term for this phenomenon is *zugzwang* (German for *obligation to make a move*) – and it occurs in exceptional situations when you are forced to make a move that worsens your own position, gives up the win or even leads to defeat.

In view of the fact that there's not only 'one-sided' but also 'mutual' zugzwang, we have also included some examples of this sort.

As a rule, zugzwang is the sharpest endgame weapon. In many situations in which other means would also lead to the goal, the use of zugzwang is often a proof of good endgame technique. And in still other situations, without zugzwang no progress is possible at all.



Example 41



With **56. †12!** the Chinese women's world champion put her opponent in zugzwang.

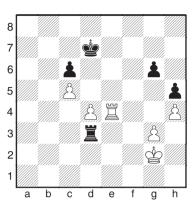
56...c6

- 56... 全c6 is followed by 57. 星e6+ 全d5 58. 星xg6 全xd4 59. 星g5 空e4 60. 全g2 星d2+61. 全h3 全f3 62. 星f5+ 全e4 63. 星xh5+-.

- 56... dd8 57.c6 \(\begin{aligned}
\text{G} \begin{aligned}
\text{G}

57.**⊈g2**!

And again Black is in zugzwang.



57.... Id1

57...\$\d8 58.\$\mathbb{Z}\$e6 \$\mathbb{Z}\$xd4 59.\$\mathbb{Z}\$xg6 \$\mathbb{Z}\$d5 60.\$\mathbb{Z}\$g5+-

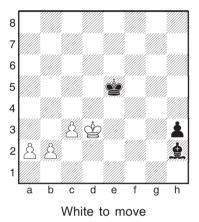
8.화f3 볼f1+ 59.화e3 볼f7 60.볼f4 볼g7 61.화d3 화e6 62.볼f8 볼a7

62...g5 is met by 63.\(\beta\)c8 \(\ddot\)d7 64.\(\beta\)h8+-63.\(\ddot\)e4 \(\beta\)a1 64.\(\beta\)d8 and 1-0 in view of the possible continuation 64...\(\beta\)e1+65.\(\ddot\)f4 \(\beta\)f1+66.\(\ddot\)g5 \(\beta\)f3 67.\(\beta\)d6+ \(\ddot\)f7 68.\(\beta\)xc6 \(\beta\)xg3+ 69.\(\ddot\)f4 \(\beta\)g4+ 70.\(\ddot\)e5 \(\beta\)xh4 71.\(\beta\)c7+ \(\ddot\)e8 72.d5+-, Ju - Firouzja, Wijk aan Zee 2024.

Zugzwang is often used to bring to bear an extra piece against a king and several pawns.



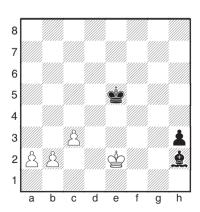
Example 42



After a bishop move, the h-pawn threatens to promote. Of course, White's king can prevent this, but his first move is crucial.

45.**∲e3**?

We will soon see why this move loses. Only 45. № e2! led to a draw.



Because the king reaches the saving square on f1 in time:

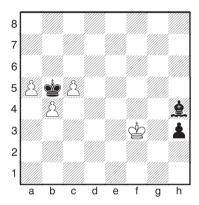
- 45...≜g3 46.⊈f1 ⊈e4 47.⊈g1=

- 45...≜g1 46. фf3=
- 45... \$\dot{\psi}\$f4 46. \$\dot{\psi}\$f2 \$\dot{\psi}\$g4 47. a4 \$\dot{\psi}\$f4 48. a5 \$\dot{\psi}\$e4 49. a6 \$\dot{\dot{\psi}}\$b8 50. \$\dot{\psi}\$g1 \$\dot{\psi}\$d3 51. \$\dot{\psi}\$h1=

45... g3! 46. df3 ge1

Now the bishop is active and Black can stop the pawns.

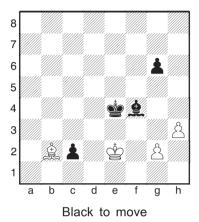
47.a4 空d5 48.a5 空c5 49.b3 空b5 50.b4 ≜h4 51.c4+ 空a6 and **0-1**, as after 52.c5 **空b5** ...



... all pawns are lost due to zugzwang; e.g. 53.c6 (53.⊈g4 h2−+) 53...⊈xc6 54.a6 ⊈b6 55.b5 ⊈a7−+, Praggnanandhaa – Chigaev, Wijk aan Zee 2019.



Example 43

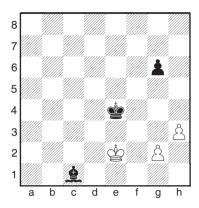


A common mistake is the premature (almost automatic) promotion of a passed pawn. Sometimes the right conditions have to be created first.

The premature promotion **71...c1**增**?** was a typical mistake.

The correct approach was the initial use of zugzwang with 71... h6! and the following lines:

72. \$xc1 \$xc1



73.g3?

73. \$\dong f2! draws after e.g. 73...\$\dong e3+ 74. \$\dong g3\$ \$\dong f5\$ 75.h4 \$\dong f4+ 76. \$\dong f3\$ \$\dong e5\$ 77.g4+ \$\dong e6\$ 78.g5 \$\dong f5\$ 79.h5 gxh5 80. \$\dong g2\$ \$\dong xg5\$ 81. \$\dong h1=.\$

73...\delta e 3!

After this single winning move, zug-zwang again leads to the decision.

After, for example, 73...g5? and the continuation 74.\ddots f2 \ddots e3+ 75.\ddots g2 \ddots d4 76.g4 \ddots f4 77.h4 gxh4 78.\ddots h1=, White's king could reach the saving corner square in time.

0-1 in view of the possible continuation 74. 中 f1 中 f3 75. g4 中 g3 76. 中 e2 上 b6 77. 中 f1 中 xh3-+, D. Gurevich - Dlugy, Saint Louis 2023.

Part II

Practice makes perfect





а White to move

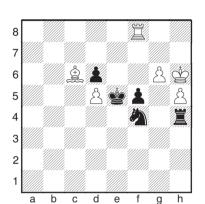
È Black to move

- a) White can even win without promoting the passed pawn.
- b) The endgame is equal.

- wins.
- b) It only leads to a draw, but another move wins.



Exercise 3



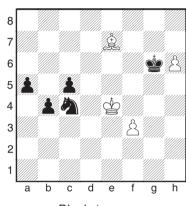
a) ⊈g7 wins.

b) \$\dong g7\$ only draws, but another move wins.

White to move



Exercise 4



Black to move

- a) Only 4 d2+ wins.
- b) Only b3 wins.
- c) Both moves win.

Part II

Solutions of the exercises

Solution 1: a)

After 50.c7! White liquidates to a winning pawn endgame: 50...≜xc7 51. ♠xc7 \overline{\text{Zxc7}} \overline{\text{Zxc7}} \overline{\text{Zxc7}} \overline{\text{Zxc7}} \overline{\text{S3.h4!}} and 1-0 in view of the following winning lines:

- 1) 53...g4 54.堂f4 堂d6 55.堂g5 堂e6 56.堂xh5 堂f5 57.堂h6 堂f4 (57...堂f6 58.h5+-) 58.h5 堂f3 59.堂g5+-
- **2)** 53...gxh4+ 54.党xh4 党d6 55.党xh5 党e5
- a) 55...空e7 56.空g6 空f8 57.f4 空g8 58.f5 空f8 59.空f6+-

Nepomniachtchi - Khismatullin, Russia 2018

Solution 2: b)

Races of passed pawns can be very sharp and sometimes the fastest possible promotion is not the right way.

- 1) For example, 46...h1增+?? 47.罩xh1 **İ**xh1 48.a7 g2 49.a8增+- would even lose.
- 2) The right rook move to deal with the problem of White's passed pawn is 46... Ef2!, because then 47.a7 could be answered with 47... Ef8, which leads to victory after 48. 全7 Ea8 49. 全88 全850. 全92 全f2 51.a6 h1營 52. Exh1 中文xh1-+

47.≜c5 \a2

Once again, the right rook move.

48. \$b4

48.a7 \approx xa5-+

48...≜e3 and **0−1** because of 49.c5 **Ġ**f3 50.a7 **Ξ**a1#, Garcia Ramos – Safarli, Sitges 2022.

Solution 3: b)

With 63. \$\dong g7?\$ White missed the win.

It could only be achieved with 63.\(\mathbb{E}e8+!\), because after 63...\(\done\)rf6 the blockade can be radically broken with 64.\(\mathbb{E}e6+!\); e.g. 64...\(\delta\)xe6 65.dxe6 with the following winning lines:

In the game, Black was able to build a functional blockade position with 63... $\triangle xh5+$ 64. $\triangle f7$ $\Xi g4$ 65. $\Xi e8+$ $\triangle d4$ 66. $\Xi h8$ $\Xi g5$ and after 67. $\Xi xh5$ $\Xi xh5$ 68. $\triangle f6$ $\Xi h1$ 69. $\triangle xf5$ $\Xi f1+$ 70. $\triangle e6$ $\Xi g1$ and a few more irrelevant moves the game ended with a draw, $\frac{1}{2}$ - $\frac{1}{2}$, Perkampus – Saraci, Biel 2023.

Solution 4: b)

The approach 47... ②d2+? was not enough to win.

It could only be forced with 47...b3!; e.g. 48. \$\ddot \ddot \ddo

48.∯d3! Øb3

Part III

Endgame tactics – test your skills

The following 100 exercises are so-called 'studies', which means fantasy products that primarily serve to provide sophisticated entertainment and aesthetic enjoyment. However, they can also convey certain teaching content (an interesting example can be found below).

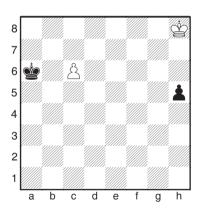
Studies can be divided into two groups: tactical and analytical. While in our book 'Endgame Magic' (Joachim Beyer Verlag 2023) we dealt with the analytical ones, in this new work we would like to introduce the reader to studies with more tactical solutions.

Our selection covers the whole spectrum from 'easy' to 'difficult' and if you find yourself reaching your limits and getting stuck, please don't hesitate to make things easier by studying the lines in the solution section to make sure you can actually enjoy the whole thing.

First of all, we would like to point out that, as a rule, *White is to move* in studies, so that only the desired result is given above the respective diagram: '+-' for 'White wins' or '=' for 'White draws'.

What you can learn from studies, for example

Perhaps you know this little jewel among the studies in which its creator Richard Réti demonstrates in an exquisitely minimalist way that two kings and two pawns are enough to conjure up a little stroke of genius on the board.



White to move and draw

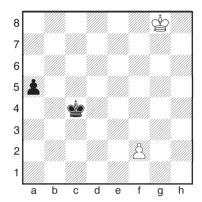
1.党g7!! (1.党h7? h4-+; 1.党g8? h4-+) 1...h4 2.党f6! 党b6 (2...h3 3.党e7 followed by 党d7=) 3.党e5! and now 3...h3 4.党d6= or 3...党xc6 4.党f4=

And if you are wondering what can be learned from this precious miniature for the practical game: the movement on a diagonal is a movement in *two* directions at the same time!

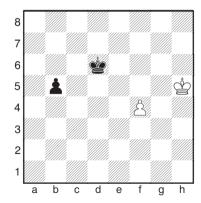
(Solutions starting on page 169)



Exercise 1 =

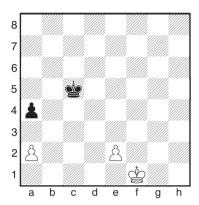


Exercise 2 =



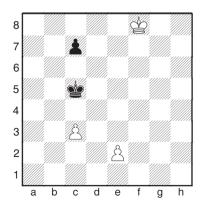


Exercise 3 +-





Exercise 4 +-



(Solutions starting on page 170)



8

7

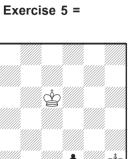
6

5

4

3

2

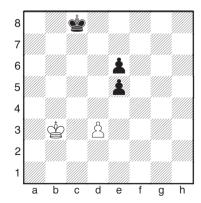


d

b

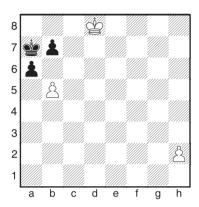
С

Exercise 6 =



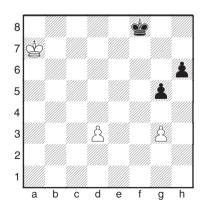


Exercise 7 +-





Exercise 8 =



Solutions

Exercise 1

1.f4!

- 1.☆f7? a4 2.f4 a3
- 3.☆g6 a2 4.f5 a1 5.f6 ☆d5 6.f7 h8-+
- 3.f5 a2 4.f6 a1₩-+

1...∲d5

- 1...a4 2.f5 a3 3.f6 a2 4.f7 a1₩ 5.f8₩=
- 2.⊈f7! ⊈e4
- 2...a4 3.f5 a3 4.f6 a2 5. dg8! a1 degree 6.f7=
- 3.⊈e6!
- 3. ±g6? ±xf4-+
- 3...a4

4.f5 a3 5.f6 a2 6.f7 a1 7.f8 =

(E. Pallasz, 1991)

Exercise 2

1.**Φh6!**

- 1. 空g6? b4 2.f5 b3 3.f6 b2 4.f7 b1 世+ 5. 空g7 世g1+ 6. 空f6 世f2+ 7. 空g7 空e7-+
- 1...b4 2.f5 ⊈e5 3.⊈g6 b3 4.f6 b2 5.f7 5.⊈g7=
- 5...b1∰+ 6.фq7 ₩b7 7.фq8=

(E. Pallasz, 2002)

Exercise 3

1.**⊈e1**!

1.蛰f2? 蛰b4 2.e4 虫a3 3.e5 虫xa2 4.e6 a3 5.e7 兔b2 6.e8豐 a2=

1...∳b4 2.∲d2!

6.e7 a2 7.e8豐 a1豐 8.豐b5+ 空a3 9.豐a5+ 空b2 10.豐b4+ 空a2 11.空c2+-

(E. Pallasz, 2002)

Exercise 4

1.**⊈**q7!

- 2) 1. фe7? фc4

- **4)** 1.並f7? 並d5 (1...並c4? 2.e4+-) 2.並f6 並c4 3.e4 並xc3 4.e5 c5 5.e6 c4 6.e7 並d2 7.e8豐 c3 8.豐d7+ 並c1=

1....**∳d**5

- 1) 1...호d6 2.호f6 호d5 3.호f5 호c4 4.e4 c5 5.e5 호xc3 6.e6 c4 7.e7+-
- 2) 1...\$c4 2.e4 c5 3.e5 \$xc3 4.e6+-

2.**☆f7!**

2.党f6? 党c4 3.e4 c5 4.e5 党xc3 5.e6 c4 6.e7 党d2 7.e8豐 c3 8.豐d7+ 党c1=

2 De5

- 1) 2... 全c4 3.e4 全xc3 4.e5 c5 5.e6 全d2 6.e7 c4 7.e8營 c3 8.營d8+ 全c1 9.營g5+ 全b1 10.營g1+ 全b2 11.營d4 全b3 12.全e6 c2 13.營a1+-
- **2)** 2...c5 3.空e7 空e5 4.空d7 空d5 5.空c7 c4 6.空b6 空e4 7.空c5+-

3. Фe7

3.∳e8+-

3...∳d5 4.∳d7

4.党d8? 党c4 5.e4 党xc3 6.e5 c5 7.e6 c4 8.e7 党d2=

4...∲c4

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About the author

GM Dr. Karsten Müller was born on November 23rd, 1970 in Hamburg. He studied mathematics and received his doctorate in 2002. From 1988 to 2015 he played for the 'Hamburger SK' in the German 'Bundesliga' and in 1998 he was awarded the title of Grandmaster.

The busy and globally recognized endgame expert was named 'Trainer of the Year' by the German Chess Federation in 2007



He is the author (or co-author) of the following highly esteemed works:

- Secrets of Pawn Endings (with Frank Lamprecht, Everyman/GAMBIT 2000)
- Fundamental Chess Endings (with Frank Lamprecht, GAMBIT 2001)
- Danish Dynamite (with Martin Voigt, Russell 2003)
- Chess Cafe Puzzle Book: Test and Improve Your Tactical Vision (Russell 2004)
- How to Play Chess Endgames (with Wolfgang Pajeken, GAMBIT 2008)
- Chess Cafe Puzzle Book 2: Test and Improve Your Positional Intuition (Russell 2008)
- Bobby Fischer, The Career and Complete Games of the American World Chess Champion (Russell 2009)
- Chess Cafe Puzzle Book 3: Test and Improve Your Defensive Skill! (with Merijn van Delft, Russell 2010)
- Chess Cafe Puzzle Book 4: Mastering the positional principles (with Alexander Markgraf, Russell 2012)
- The Magic Tactics of Mikhail Tal: Learn from the Legend (with Raymund Stolze, Edition Olms 2012)
- Fighting chess with Hikaru Nakamura (with Raymund Stolze, Edition Olms 2013)
- The slow (but venomous) Italian (with Georgios Souleidis, New in Chess 2016)
- The Magic of Chess Tactics 2 (with C.D. Meyer, Russell 2017)

His excellent series of ChessBase-DVDs Chess endgames 1-14 also attracted attention.

Müller's popular column Endgame Corner was published at 'www.ChessCafe.com' from January 2001 until 2015, and his column Endgames is published in Chess-Base Magazine since 2006.

To date, numerous of his books have been published by JBV Chess Books (Joachim Beyer Verlag) – a total of 24 in German and the following titles also in English:

- Magical Endgames (2020) (together with Claus Dieter Meyer)
- The Human Factor in Chess (2020) (together with Luis Engel)
- The Human Factor in Chess, The Testbook, Find out your Player Type (2022) (together with Luis Engel and Makan Rafiee)
- The Best Endgames of the World Champions Vol 1 From Steinitz to Tal (2021)
- The Best Endgames of the World Champions Vol 2 From Petrosian to Carlsen (2021)
- World Chess Championship 2021 (together with Jerzy Konikowski and Uwe Bekemann)
- Chess Training with Matthias Blübaum, His way to the European Champion (2022) (together with Matthias Blübaum and Matthias Krallmann)
- The Best Combinations of the World Champions Vol 1 From Steinitz to Tal (2022) (together with Jerzy Konikowski)
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- Typical Sicilian, Effective Middlegame Training (2023)
- Typical Queen's Gambit, Effective Middlegame Training (2023)
- Typical French, Effective Middlegame Training (2024)
- Typical King's Indian, Effective Middlegame Training (2024)
- Tactical Endgames (2024) (together with Jerzy Konikowski)

FIDE Master Jerzy Konikowski (born 1947) is a recognized German trainer and chess theorist of Polish origin. He completed his studies as a chess coach in Warsaw and was the Polish national coach from 1978 to 1981.

In 1981 he moved to Germany and received German citizenship. He coached the youth team of North Rhine-West-phalia for 15 years and played in various teams in the German 'Bundesliga' from 1983–1994.

His numerous books and articles have been translated into several languages and published in many countries.

His other passion is correspondence chess. He won several tournaments in the European class and represented Germany in the final of the 17th Euro-



pean Correspondence Chess Championship (1993-1998), where he placed 7th.

He is also a renowned chess composer who created about 400 chess problems, over 100 of which received awards in international competitions. Eight of his problems have been included in FIDE albums, the collections of the world's best problems.