

# TACTIC WORKBOOK 2

Informant's Collection  
of Instructive Tactics  
and Studies



**Chess Informant**

SINCE 1966

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## SYSTEM OF SIGNS

±	white stands slightly better	↗	diagonal
∓	black stands slightly better	⊕	centre
±	white has the upper hand	»	king's side
∓	black has the upper hand	«	queen's side
+-	white has a decisive advantage	×	weak point
-+	black has a decisive advantage	⊥	ending
=	even	♖♗	pair of bishops
∞	unclear	♖♜	bishops of opposite color
∞	with compensation for the material	♜♜	bishops of the same color
⊙	development advantage	oo	united pawns
○	greater board room	o-o	separated pawns
→	with attack	♙♙	double pawns
↑	with initiative	♚	passed pawn
↔	with counter-play	>	advantage in number of pawns
⊙	zugzwang	⊕	time
#	mate	75/199	Chess Informant
!	a very good move	E	12 Encyclopaedia of Chess Openings
!!	an excellent move	♖♗	3/b Encyclopaedia of Chess Endings
?	a mistake	N	a novelty
??	a blunder	(ch)	championship
!?	a move deserving attention	(izt)	interzonal tournament
?!	a dubious move	(ct)	candidates' tournament
△	with the idea	(m)	match
□	only move	(ol)	olympiad
△	better is	corr.	correspondence game
↔	file	RR	editorial comment
		R	various moves
		└	with
		┘	without
			etc
		—	see

## FOREWORD

Dear Informant readers, the book you are holding in your hands is a logical continuation of our efforts to provide you with the most topical and instructive material for self-study and teaching.

Last year we decided to produce Tactic Workbook by putting together best features from our “Puzzle Quest” and “Endgame Maze” manuals. So, now we continue in the same spirit once again adding an appendix with 60 most beautiful studies composed in 2022. We are convinced that solving chess studies enriches every player’s understanding of piece coordination and game as a whole.

Of course, the book is aimed at motivated amateur and club players, all the way up to the grandmaster level, since the main objective is to teach diligent evaluation of any given position, meticulous calculating, and overall decision making. We kept the organization of the exercises according to their relative level of difficulty (one \* indicating the simplest exercises, \*\*\*\*\* indicating the most difficult positions), since it is proved to allow smooth browsing through the material. However, exercises are not organized in sections according to any particular type of tactical motif or combination, since our intention is to create puzzles which are able to mimic a real game of chess. Therefore, in some examples the solution consists of a devastating sacrifice that leads to swift mate, while some other examples may require finding the correct strategic plan and most efficient way of execution. Also, upon receiving generous feedback from our readers we tried to include more \* and \*\*\*\*\* examples in this book, since those were sparse in Tactic Workbook 1. Of course, “level of difficulty” is often rather subjective, especially because not all chess players are equally skilled in all tactical themes and motifs.

To summarize, “Tactic Workbook” consists of 500 most instructive middlegame and endgame examples (puzzles) from the games played during 2022 and 60 prizewinning studies which complement the puzzle section thus making this manual truly comprehensive and indispensable. We decided to expand studies section after receiving numerous demands to include more instructive study positions in our books and manuals.

We hope that you will find the material of great practical value and useful for your chess progress. Last but not least, we wish you many pleasant hours while solving the exercises and also many happy returns to this book!

# CLASSIFICATION

★ - Simple

★ ★ - Moderate

★ ★ ★ - Advanced

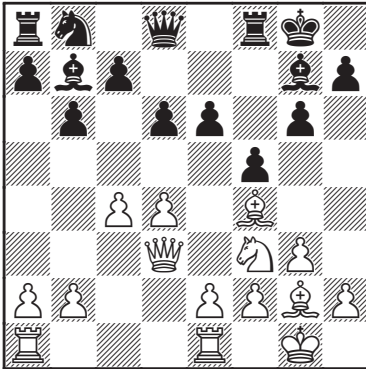
★ ★ ★ ★ - Difficult

★ ★ ★ ★ ★ - Expert

# CHAPTER

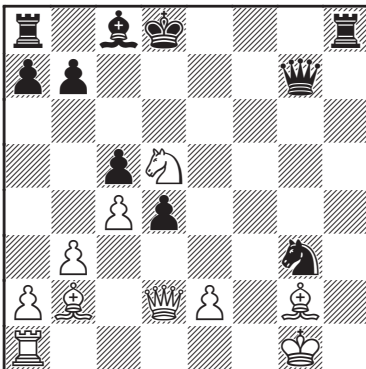
# I

1. DENNIS WAGNER 2584 -  
JESUS MARTÍN DUQUE 2406  
chess.com (Internet-bltz) 2022  
★★★



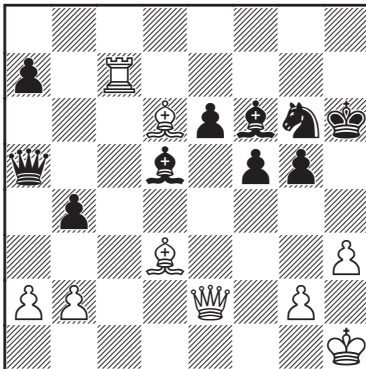
1.? +-

2. TIGRAN K. HARUTYUNYAN 2552 -  
DAVID SHAHINYAN 2486  
Armenia (ch) 2022  
★★★



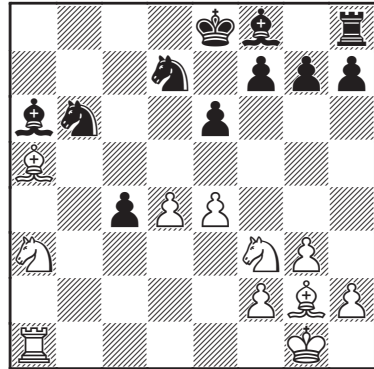
1..? +-

3. ARTUR DAVTYAN 2454 -  
HOVIK HAYRAPETYAN 2499  
Yerevan 2022  
★★



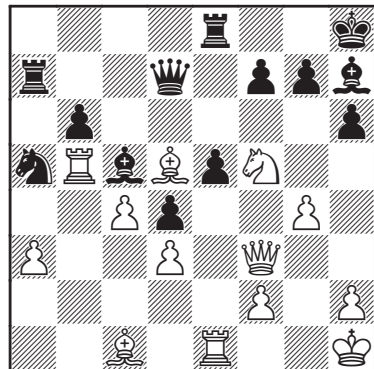
1.? +-

4. MAXIM MATLAKOV 2674 -  
ALEXEY DREEV 2623  
Kazan (rapid) 2022  
★★★



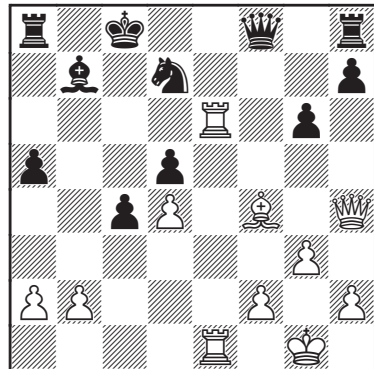
1.? +-

5. EDUARDO ITURRIZAGA BONELLI 2595 -  
NICLAS HUSCHENBETH 2611  
chess.com (Internet-bltz) 2022 - 151/7  
★★★



1.? +-

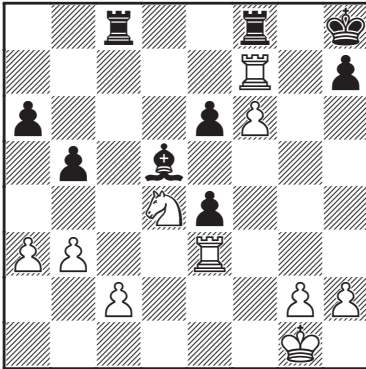
6. RINAT JUMABAYEV 2631 -  
LUCAS VAN FOREEST 2539  
Wijk aan Zee II 2022  
★★★



1.? +-

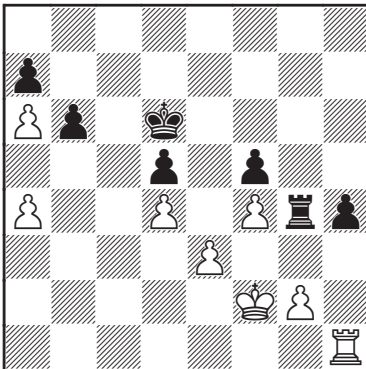


**7.** VIKTOR GAŽIĆ 2530 – CHRISTOPHER REPKA 2510  
Dulles 2022  
★★★



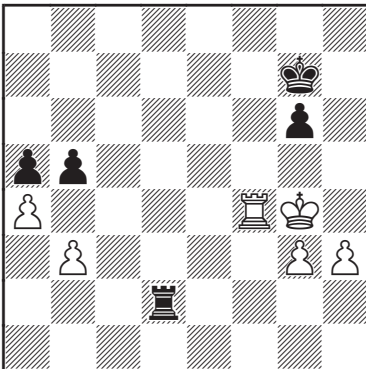
1. ? +-

**8.** ERIGAIŠI ARJUN 2632 – VOLODAR MURZIN 2519  
Wijk aan Zee II 2022  
★★



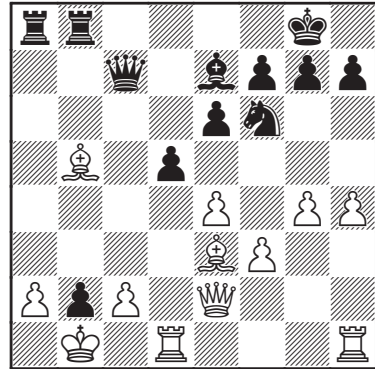
1. ? +-

**9.** POLINA SHUVALOVA 2516 – MARC'ANDRIA MAURIZZI 2502  
Wijk aan Zee II 2022 – 151/71  
★★



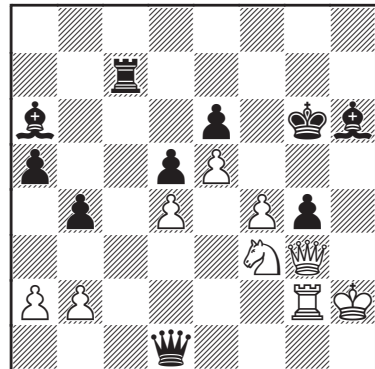
1. ? +-

**10.** ZHU JINER 2478 – DANIEL DARDHA 2532  
Wijk aan Zee II 2022  
★★



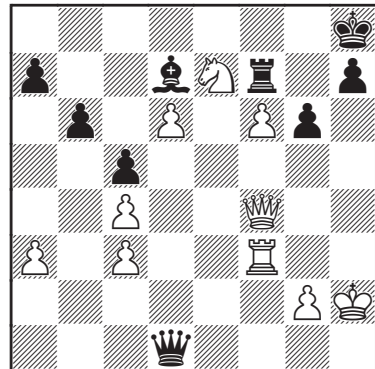
1...? +-

**11.** BORIS GELFAND 2669 – ANDREI VOLOKITIN 2681  
Israel 2022 – 152/174  
★★



1...? +-

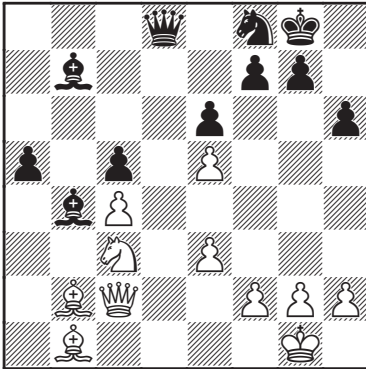
**12.** JORDEN VAN FOREEST 2702 – ANISH GIRI 2772  
Wijk aan Zee 2022 – 151/179  
★★★★



1. ? +-

**13.** PRAGGNANANDHAA RAMESHBABU 2612  
- FABIANO CARUANA 2792  
Wijk aan Zee 2022 – 151/151

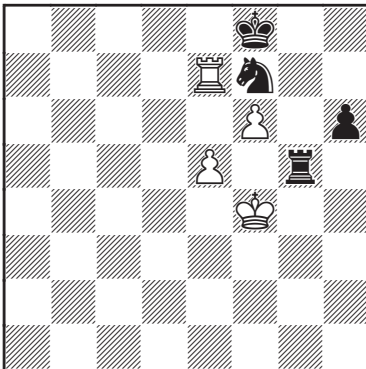
★ ★



1...?      +-

**14.** DANIIL DUBOV 2720 -  
NILS GRANDELIUS 2672  
Wijk aan Zee 2022 – 151/65

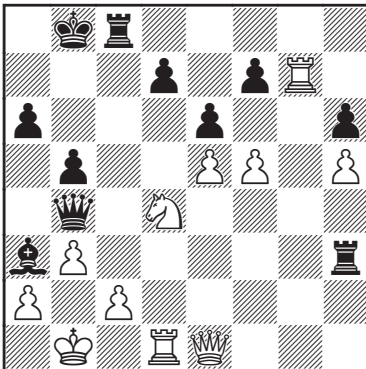
★ ★ ★



1...?      +-

**15.** NILS GRANDELIUS 2662 -  
RICHARD RAPPORT 2763  
Wijk aan Zee 2022 – 151/156

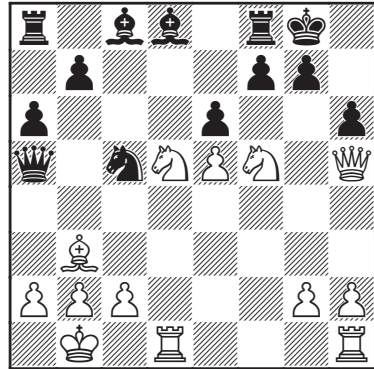
★ ★ ★



1...?      +-

**16.** NIKITA PETROV 2559 -  
HOVIK HAYRAPETYAN 2499  
Yerevan 2022

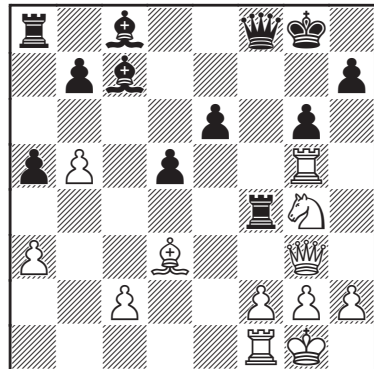
★ ★



1?      +-

**17.** ALEXANDR FIER 2573 -  
HARSHA BHARATHAKOTI 2485  
Roquetas de Mar 2022

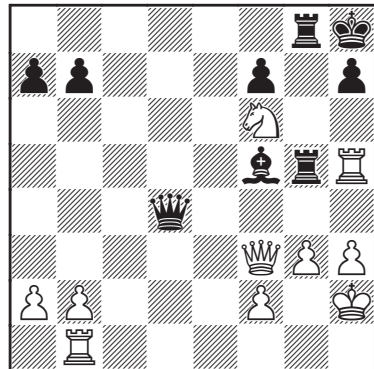
★ ★ ★



1?      +-

**18.** RODRIGO VÁSQUEZ SCHRODER 2494 -  
ERNESTO FERNÁNDEZ GUILLÉN 2411  
Roquetas de Mar 2022

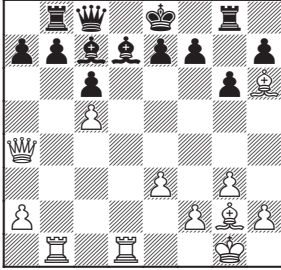
★ ★



1?      +-

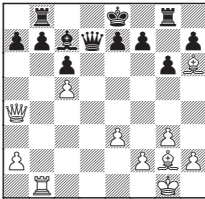
**31. VOJTĚCH STRAKA 2402 -  
SVATOPLUK SVOBODA 2409**

\*\*\*



Black neglected development of his pieces, so his king is not able to castle and find shelter. Therefore, White is presented with the opportunity to execute a strong blow and win the game!

**1. ♖xd7! ♜xd7 [1... ♖xd7**

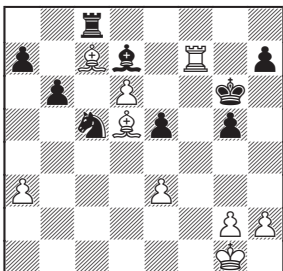


**2. ♖xb7! ♖xb7 3. ♕xc6 ♖b1+ 4. ♔g2 ♖d1  
5. ♕xd7+ ♖xd7 6. c6+-] 2. ♖d1+ [2... ♜e8  
3. ♕xc6+-]** **1 : 0**



**32. JORDEN VAN FOREEST 2702 -  
SANTOSH GUJRATHI VIDIT 2727**

\*\*\*



White's pieces are superbly coordinated, so he can unleash a powerful tactical stroke

thanks to his far advanced d6–passer, thus reaching a completely winning position.

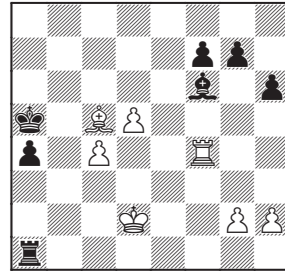
**1. ♖xd7!**

**[1. ♖e7 ♖f8 2. e4 g4 3. ♖xe5 h5 4. ♕a2±]  
1... ♜xd7 2. ♕e6** **1 : 0**



**33. VIACHASLAU ZARUBITSKI 2420 -  
TAGIR SALEMGAREEV 2503**

\*\*



Zarubitski misses an exceptionally effective move at this point.

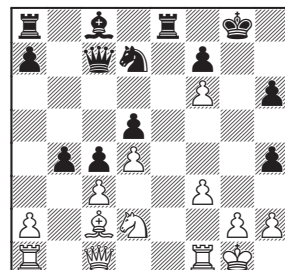
**1. ♖xf6!**

**[1. d6 ♕g5 2. ♕e3 ♖a2+ 3. ♔c1 ♔a6 4. ♖f3 ♕xe3+ 5. ♖xe3 ♖a1+ 6. ♔c2 ♖a2+=  
Viachaslau Zarubitski - Tagir Salemgareev]  
1... gxf6 2. d6 Far-advanced d–passer  
should decide the game. 2... ♖a2+ 3. ♔c3  
♖xg2 [3... ♖a1 4. d7 ♖d1 5. ♕d4+-] 4. d7  
♖g8 5. ♕e7+-**



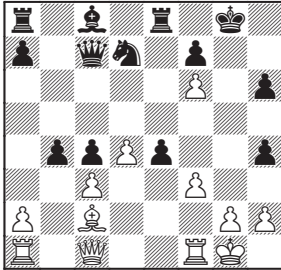
**34. MARC'ANDRIA MAURIZZI 2502 -  
DANIEL DARDHA 2532**

\*\*\*



White goes for an unexpected move and puts Black in desperate situation! The black king is hopelessly weak, so White can generate a devastating mating attack thanks to his threatening f6–pawn.

1. ♖e4! dxe4

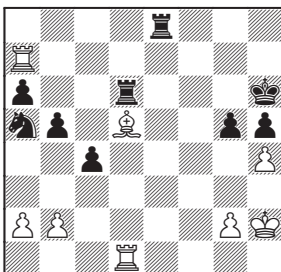


2. fxe4 [2. ♖xh6! This move also wins!]  
 2... ♗xf6 [2... ♖e6 3. e5 ♖f8 4. ♗f5 ♖b6  
 5. ♗xe6 ♖xe6 6. ♖xh6+ ♖e8 7. d5!  
 ♖xd5 8. e6! ♖c5+ 9. ♖h1+-] 3. ♖xf6  
 ♖e6 4. e5 b3 5. axb3 cxb3 6. ♗xb3 ♖xf6  
 7. exf6 ♖h7 8. ♗c2+ 1 : 0



35. LARS OSKAR HAUGE 2513 -  
 HJÖRVAR STEINN GRÉTARSSON 2548

★★★



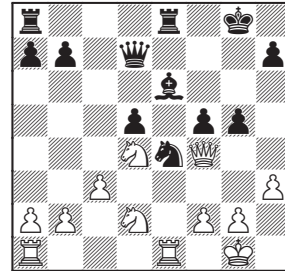
Even though Black is a pawn up, White is able to take full advantage of Black's king poor position. On top of that, the a5–knight is too far away to protect his monarch!

1. ♗e4!! ♖g6 2. ♗xg6 1 : 0



36. VLADISLAV ARTEMIEV 2700 -  
 VALENTINA GUNINA 2471

★★★



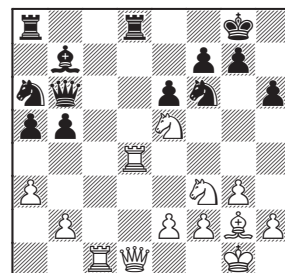
White gains a decisive advantage after a surprising move, utilising the weaknesses in the enemy camp, he converts thanks to a powerful tactical blow.

1. ♗e4! gxf4 2. ♗f6+ ♖f7 3. ♗xd7  
 ♗xd7 4. f3 ♖f6 5. ♗e2 ♖g5 6. ♖f2  
 ♗b5 [6... ♖e7 7. h4+ ♖xh4 8. ♗xf4 ♖ae8  
 9. ♖h1+ 9. ♗xd5? ♖xe1 10. ♖xe1 ♖xe1  
 11. ♖xe1 ♖g3 12. ♖f1 ♗e6 13. ♗f6  
 ♗xa2 14. ♗xh7 ♗f7 9... ♖g5 10. ♖g3  
 ♗c6 11. ♖h5+ ♖f6 12. ♖ah1 ♖h8 13.  
 ♖h6+ ♖g7 14. ♗e6+ ♖f7 15. ♗d4+-]  
 7. ♗d4 ♗d7 8. ♖ad1 h5 9. ♗e2 ♖e5  
 10. h4+ ♖xh4 11. ♗xf4+- Now the white  
 knight becomes exceptionally dominant and  
 that factor decides the game.



37. MAXIM MATLAKOV 2674 -  
 RAMIL FAIZRAKHMANOV 2480

★★★★



Matlakov notices how weak the 8<sup>th</sup> rank is and that proves to be quite sufficient for a

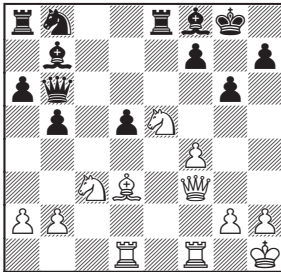
strong tactical move!

1. ♖c6! ♙xc6 [1... ♖xd4 2. ♗xd4 ♖c7  
3. ♗fe5 b4 4. ♗xf7! ♗xf7 4... ♗xf7? 5.  
♗e5+- 5. ♗d8 ♖xd8 6. ♗xd8+ ♗h7 7.  
♗b6 ♙xg2 8. ♗xg2+-] 2. ♖xc6 ♖xd4 3.  
♗xd4 ♗d8 4. ♖c1 ♖a7 5. ♗xb5+-



38. MAMIKON GHARIBYAN 2467 -  
TIGRAN K. HARUTYUNYAN 2552

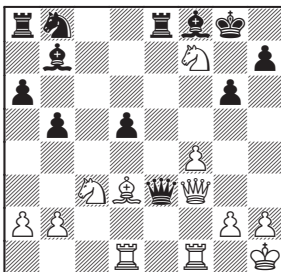
★★★★



In the diagram position White executes an irresistible attack by activating all of his forces aimed at the black king.

1. ♗xf7!

Here Black meets an unwelcome surprise!  
1... ♗e3 [1... ♗xf7 2. f5! g5 3. ♗h5+ ♗e7  
4. ♙xb5 axb5 5. ♗xd5+ ♙xd5 6. ♖xd5+-]



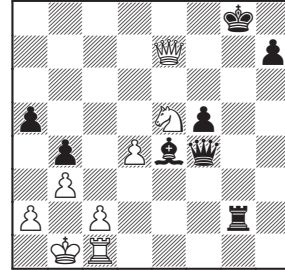
2. ♗g4! ♗d7 [2... ♗xf7 3. f5+-] 3. f5  
[3. ♙xg6 a) 3... ♗f6 4. ♙xh7+! ♗xf7 (4...  
♗xh7 5. ♗f5+ ♗g7 6. ♗e5+-) 5. ♗g6+  
♗e7 6. ♖f1+-; b) 3... hxg6 4. ♗xg6+ ♙g7  
5. ♗h6+ ♗h8 6. ♗f5+-] 3... ♗f6 4. fxc6  
h5 [4... ♗xg4 5. gxh7+ ♗g7 6. h8♗#] 5.

♗h4 ♙e7 6. ♖f3 ♗e6 7. ♗h6+ ♗h8 8.  
♙f5 ♗b6 9. g7+ ♗xg7 10. ♗g5+ 1 : 0



39. TORNIKE SANIKIDZE 2464 -  
MERAB GAGUNASHVILI 2573

★★★



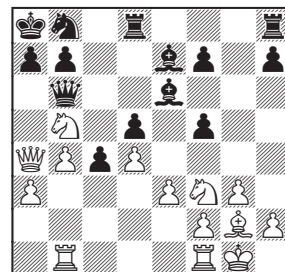
In this double-edged position Black is able to take a full point thanks to wonderful coordination of his three pieces.

1... ♙xc2+! 2. ♖xc2 [2. ♗b2? ♗xd4#]  
2... ♖g1+ 0 : 1



40. DANIEL DARDHA 2532 -  
POLINA SHUVALOVA 2516

★★★



In this position Dardha found a beautiful motif that allowed him to win the game in exceptional style!

1. ♗xa7+!!

[1. ♗e5 ♗d7 2. ♗xc4 dxc4 3. d5 ♙f6  
4. dxe6 fxe6=] 1... ♗xa7 2. ♗c7# Wonderful smothered mate!  
1 : 0

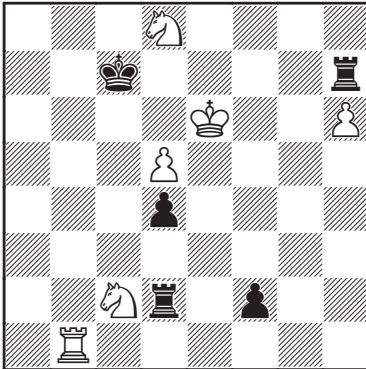
# CHAPTER

## XIII

### Studies

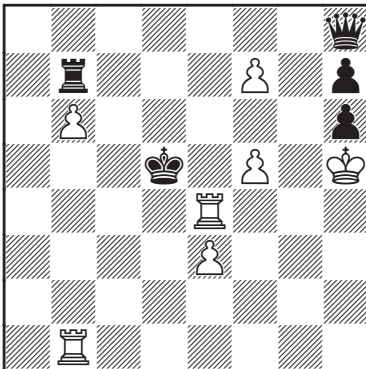
In this additional chapter we will present you our selection of the most interesting and instructive studies composed in 2022. Some of the positions are visually compelling, some of great practical value, while some possess both artistic and remarkable "classical chess" qualities. We are certain that you will enjoy solving these studies, even though some may prove to be rather difficult and complex. So, without any further ado - it's time to crack some serious chess riddles!

**1.** MICHAEL PASMAN  
1.p 10<sup>th</sup> FIDE World Cup 2022



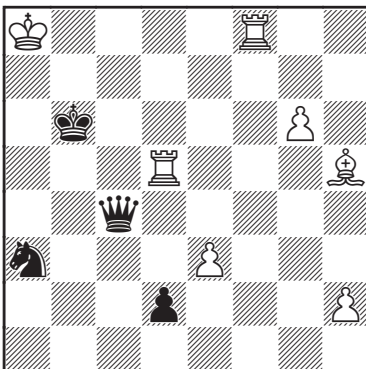
1.? =

**2.** OLEG PERVAKOV  
2.p 10<sup>th</sup> FIDE World Cup 2022



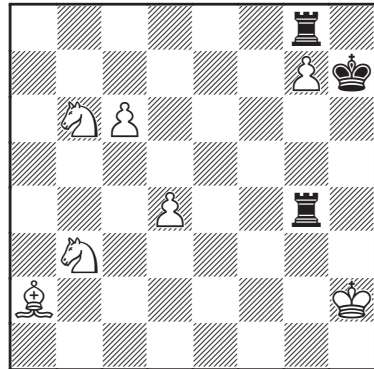
1.? =

**3.** JAN SPRENGER  
3.p 10<sup>th</sup> FIDE World Cup 2022



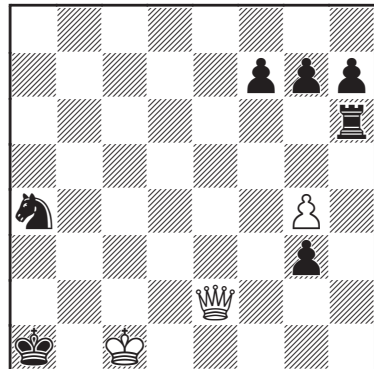
1.? +-

**4.** MARTIN MINSKI  
4.p 10<sup>th</sup> FIDE World Cup 2022



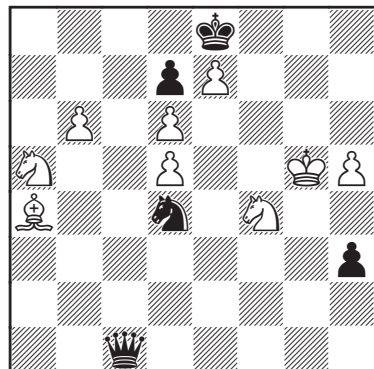
1.? +-

**5.** RICHARD BECKER  
sp.p 10<sup>th</sup> FIDE World Cup 2022



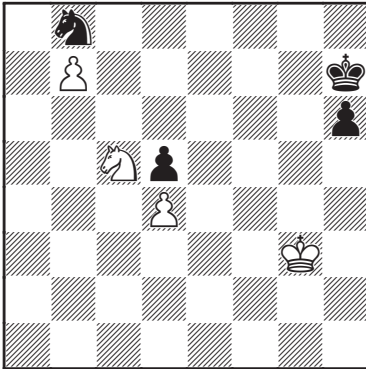
1.? +-

**6.** EVGENY KOPILOV  
1.hm World Cup FIDE 2022



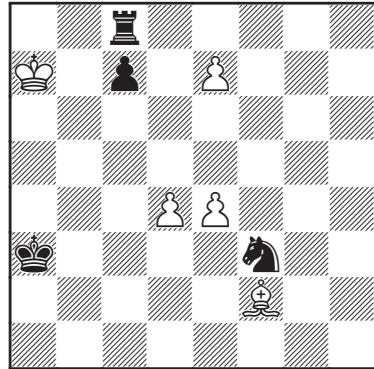
1.? +-

**7.** SERGEY OSINTSEV  
2.hm World Cup FIDE 2022



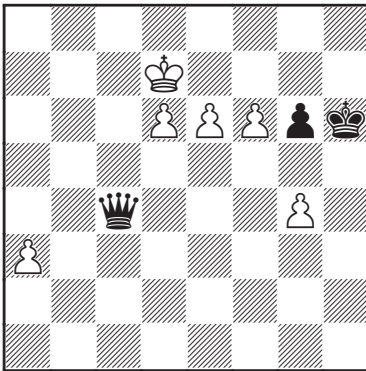
1. ?                    +-

**10.** AMATZIA AVNI  
1.c 10<sup>th</sup> FIDE World Cup 2022



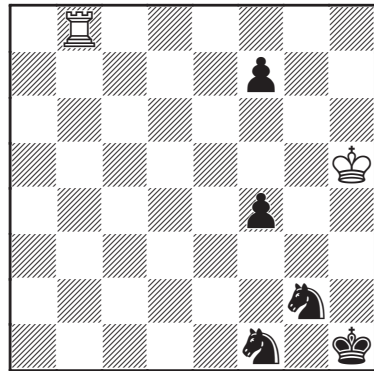
1. ?                    =

**8.** LUIS MIGUEL GONZÁLEZ  
3.hm World Cup FIDE 2022



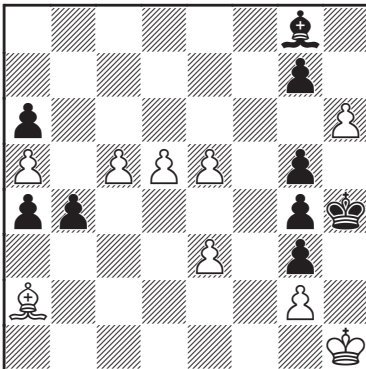
1. ?                    +-

**11.** PAVEL ARESTOV  
2.c 10<sup>th</sup> FIDE World Cup 2022



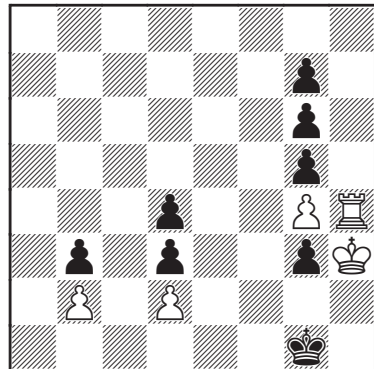
1. ?                    =

**9.** DANIELE GATTI  
4.hm 10<sup>th</sup> FIDE World Cup 2022



1. ?                    +-

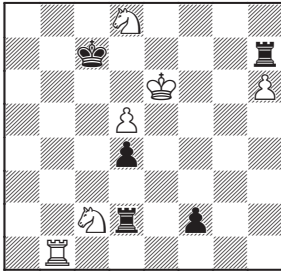
**12.** SERHIY DIDUKH  
3.c 10<sup>th</sup> FIDE World Cup 2022



1. ?                    +-

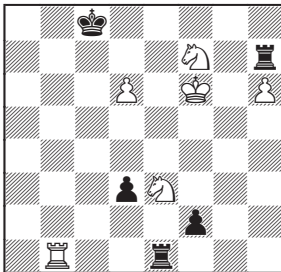


1. MICHAEL PASMAN



1.d6+!

[Logical try: 1. ♖f7? ♜e2+ 2. ♜f6 d3 3.d6+ ♔d7! Position X1 with king on d7. (3... ♜c8? - and everything same as in the main line. 4. ♖e3 ♜e1 5. ♜b8+ ♔xb8 6.d7 ♜xh6+ 7. ♜g5 ♜h8 8. ♖xh8 ♜g1+ 9. ♜f4 ♔c7 10. ♖f1 d2 11. ♖xd2 ♜d1 12. ♖f1 ♜xf1 13. ♜e3 ♜h1 14. ♖f7 f1♖+ 15. ♜f2 ♔xd7 16. ♖e5+ ♔e6 17. ♖f3 ♜f5 18. ♜g2=) 4. ♖e3 ♜xf7+ (4... ♜xe3 No check on c1 - same as in main line.) 5. ♜xf7 ♜xe3+] 1... ♜c8 2. ♖f7! [2. ♜d5? ♜xh6 3. ♖b4 ♜b2+] 2... ♜e2+ 3. ♜f6 d3 [Position X2 with king on c8.] 4. ♖e3! ♜e1!



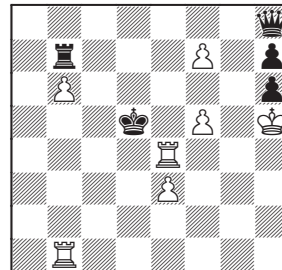
[4... ♜xe3 5. ♜c1+! ♔b7 6.d7 ♜xf7+ 7. ♜xf7 ♜e1 8. ♜e1 ♜e1♖ 9.d8♖=; 4... ♜xf7+ 5. ♜xf7 ♜xe3] 5. ♜b8+!! ♔xb8 6.d7 ♜xh6+! [6... ♜xf7+ 7. ♜xf7 ♔c7 8.h7 f1♖+ 9. ♖xf1 ♜xf1+ 10. ♜e7 (♜e8)=; 6... ♜f1♖+ 7. ♖xf1 ♜xf1+ 8. ♜g6=; 6... ♜h8 7. ♖xh8 ♔c7 8. ♖f7!]=] 7. ♜g5! [7. ♖xh6? ♔c7-+; 7. ♜g7? ♜d6! 8. ♖xd6 ♔c7 9. ♖f7 ♔xd7 10. ♖e5+ ♔e6 11. ♖xd3 ♜xe3 12. ♖xf2 ♜g3+++] 7... ♜h8! [7... ♜d6 8. ♖xd6 ♔c7 9. ♖f7

♔xd7 10. ♖e5+ ♔e6 11. ♖xd3 ♜xe3 12. ♖xf2=] 8. ♖xh8 ♜g1+ [8... ♔c7 9. ♖f7 ♔xd7 10. ♖e5+ ♔e6 11. ♖xd3 ♜xe3 12. ♖xf2=] 9. ♜f4 ♔c7 10. ♖f1! [10. ♖f7? ♜f1♖+ 11. ♖xf1 ♜xf1+ 12. ♜e3 ♜xf7] 10... d2! [10... ♜xf1 11. ♖f7! ♔xd7 12. ♖e5+ ♔e6 13. ♖xd3=] 11. ♖xd2 ♜d1! 12. ♖f1! ♜xf1 13. ♜e3! [13. ♜g3? ♜g1+ 14. ♜xf2 ♜g7] 13... ♜h1 [13... ♔xd7 14. ♖g6! ♔e6 15. ♖f4+=] 14. ♖f7! ♜f1♖+ [14... ♜f1♖ 15. d8♖+] 15. ♜f2 ♔xd7 [Position of Ernst Pogogyants, 1976.] 16. ♖e5+ ♔e6 17. ♖f3! ♜f5 [17... ♖h2 18. ♜g2] 18. ♜g2=

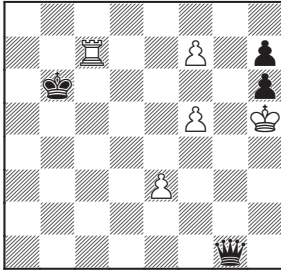
Tactical study with logical elements in the introduction. Before putting a Knight (that is under attack) into play, the White via intermediate check do not allow black king to block ♖d6 (position X1 and position X2).

After 15-moves-combinational introduction, a position-scheme of Ernst Pogogyants (1976) appears. In contradistinction to “anticipation”, here the Black Knight is promoted. We can say that a simple three-mover-scheme has been turned into a beautiful study, like an ugly duckling – into a nice swan.

2. OLEG PERVAKOV



1. ♜e8 [1. ♜d4+? ♔e5! 2. ♜b5+ ♔f6-+] 1... ♖g7 [1... ♖f6 2. ♜d1+ ♔c4 3. ♜c8+ ♔b3 4. ♜d3+ ♔a4 5. ♜a3+! ♔b5 6. ♜b3+=] 2. ♜d1+ ♔c6! 3. ♜c8+ ♜c7! [3... ♔xb6 4. ♜b1+ ♔a7 5. ♜a1+! ♖xa1 6.f8♖ ♖h1+ 7. ♜g4 ♖g2+ 8. ♜f4=] 4. ♜xc7+ ♔xb6 5. ♜g1! [5. ♜d6+? ♔xc7 6. ♜xh6 ♖xf7-+] 5... ♖xg1



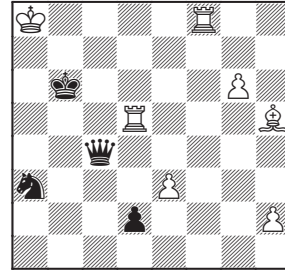
**6. ♖b7+!!** [Logical try: 6. ♖xh6? ♗h2+! 7. ♖g7 (7. ♖g5 ♗g3+ 8. ♖h5 ♗g7! 9. ♖e7 ♖b5-+) 7... ♗xc7 8. f6 ♖c5! 9. e4 ♖d4! 10. ♖g8 ♗g3+ 11. ♖h8 ♗b8+ 12. ♖g7 ♖e5! 13. f8 ♗ ♗xf8+ 14. ♖xf8 ♖xf6-+)] **6... ♖xb7 7. ♖xh6 ♗h2+!** [7... ♗xe3+ 8. ♖xh7] **8. ♖g7 ♗e5+ 9. ♖g8!** [9. ♖xh7? ♗xf5-+] **9... ♗g3+ 10. ♖h8!** [10. ♖xh7? ♗h4+ 11. ♖g7 ♗g5-+] **10... ♗b8+ 11. ♖g7! ♗c7 12. f6!** [Thematic try: 12. ♖g8? ♗c4 13. e4 (13. ♖g7 ♗g4+ 14. ♖f6 ♗h4+! 15. ♖g7 ♗g5-+) 13... h5! 14. ♖g7 ♗c7 15. ♖g8 ♗g3+ 16. ♖h7 ♗b8 17. ♖g7 h4 18. f8 ♗ ♗xf8+ 19. ♖xf8 h3 20. f6 h2 21. f7 h1 ♗-+; Or 12. e4? h5! 13. f6 h4-+] **12... ♖c6** [12... h5 13. ♖g8 ♗c4 14. ♖g7=] **13. e4!** [Logical try - 2: 13. ♖g8? ♗g3+ 14. ♖h8 ♗d6! 15. ♖g7 (15. ♖g8 ♗d5 16. ♖g7 ♗g5-+) 15... ♗d7! 16. e4 ♖d6 17. ♖g8 ♗g4+! 18. ♖h8 ♗c8+ 19. ♖g7 ♖e6 20. f8 ♗ ♗xf8+ 21. ♖xf8 ♖xf6-+] **13... ♖d6** [13... ♗g3+ 14. ♖h8 ♗b8+ 15. ♖g7 ♗a7 16. e5! (16. ♖g8? ♗g1+! 17. ♖h8 ♗c5 18. ♖g7 ♗g5-+) 16... ♖d5 17. ♖g8 ♗g1+ 18. ♖xh7!= (18. ♖h8? ♗c5 19. ♖g7 ♖xe5 20. f8 ♗ ♗xf8+ 21. ♖xf8 ♖xf6-+); 13... h5 14. e5=] **14. ♖g8 ♗c4 15. ♖g7 ♗c7 16. ♖g8=** Positional draw.

Logical study with sacrifices of three rooks, two of which (♖c7 and ♖b7+) are especially stand out for the beauty. Via the sacrifices of rook on 6<sup>th</sup> move, the White forces a black king to move on b7 and achieves a draw (because with ♖b6 Black wins). After nice introduction, the play smoothly transitions to the second part with a positional draw and

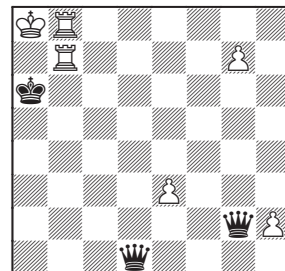
a constant refusal to capture the black h7-pawn.



### 3. JAN SPRENGER



**1. ♖b8+** [1. ♖f6+? ♖c7 2. ♖f7+ ♖c8=] **1... ♖a6** [1... ♖c7 2. ♖b7+ ♖c8 3. ♖a5+] **2. ♖e2!** [2. ♖d6+? ♖a5 3. g7 d1 ♗! 4. ♖xd1 ♗e4+ 5. ♖b7 ♗e8+ 6. ♖a7 ♗xe3+ 7. ♖db6 ♖b5+ 8. ♖a8 ♗e8+= with perpetual check.] **2... ♗xe2 3. g7 ♖b5!** [3... d1 ♗ 4. g8 ♗-+] **4. ♖dxb5** [4. ♖bxb5? ♗g2 5. ♖a5+ ♖b6=] **4... ♗g2+** [4... ♗f3+ 5. ♖8b7! d1 ♗ 6. ♖5b6+! (6. g8 ♗? ♗xb7+ 7. ♖xb7 ♗d8+! 8. ♖b8 ♗d5+! 9. ♗xd5 stalemate.) 6... ♖a5 7. g8 ♗-+] **5. ♖5b7** [5. ♖8b7?? d1 ♗-+] **5... d1 ♗**



**6. g8!!** [Try: 6. g8 ♗? ♗xb7+! 7. ♖xb7 ♗d8+! 8. ♖b8 (8. ♗xd8 stalemate.) 8... ♗d5+! 9. ♗xd5 stalemate.] **6... ♗gf3** [Main: 6... ♗c6 7. ♖g6! 1<sup>st</sup> sacrifice. 7... ♗xg6 8. ♖a7#; Main: 6... ♗gd5 7. ♖g6+ ♖a5 8. ♖g5! 2<sup>nd</sup> sacrifice. 8... ♗xg5 9. ♖a7#] **7. ♖gf8 ♗e4** [Main: 7... ♗fd5 8. ♖f6+ ♖a5 9. ♖f5! 3<sup>rd</sup> sacrifice. 9... ♗xf5 10. ♖a7#; Main: 7... ♗g2 8. ♖f6+ ♖a5 9. ♖f2! 4<sup>th</sup> sac-