## Using tactics as a weapon

Part 1 of this course was nearly entirely dedicated to the tactical possibilities of our game. Why would we then treat the subject of tactics again? There are at least two good two reasons for that. The first reason is that we only covered the standard combinations and didn't treat more complex shots, forcings and sacrifices yet. The second reason is that one can never practice tactical aspects of our game enough. Without good tactical skills, you will never be able to play a game without mistakes.
In order to perform a strategy successfully you also need to account for tactical possibilities. The nicest thing is that your strategy is helped by tactical resources. The way world champion Georgiev plays, is a good example of the universal player: he excels in both strategy and tactics. Since Georgiev is willing to take enormous risks in his games his opponents always have a hard time playing against the Russian grandmaster. If Georgiev does get into trouble, he uses his brilliant calculation skills to defend.
Many players like the tactical aspects of the game. We show some nice examples of beautiful shots in this section. We hope you will not only learn a lot by being able to recognize patterns of shots and other tactics, but that you will enjoy the richness of our game!
We cover several ways to look at tactics in our game:

1) Pieces are attacked
2) Weaknesses
3) The track to king
4) The impossible move
5) Sacrifices
6) Forcing
7) Kings involved
8) Extra exercises

In chapter 7, positions with kings are covered. The type of endgame which contains both kings and many pieces is called a macro endgame. You could also consider this to be middle game positions with kings involved. With kings on the board, the kinds of shots one can make are different from the usual shots. This type of tactics is rarely covered in any book about draughts, but we wanted to include it in this course, since it is important to practice these kinds of tactics as well.


Tactical genius Guntis Valneris

## 1.Pieces are attacked

There are a number of occasion in which you should be very alarmed to search for tactics. We will discuss the most important cases. When pieces are attacked you need to look for tactics with extra care!


## A. Chizhov - T. Kooistra

White wanted to play $21-16$. He had nearly played the move giving his opponent the chance to perform a winning shot. Chizhov checked his move and just in time he discovered the shot for his opponent and chose another move...

$$
\begin{array}{ll}
1.21-16 ? ~ & 24-29! \\
2.33 \times 22 & 35-40! \\
3.16 \times 18 & 40 \times 49 \\
4.22 \times 11 & 49 \times 32
\end{array}
$$



## K. Thijssen - P. Hoogteijling

White played $30-25$ ? attacking piece 20 in order to make an exchange. Black could have used the free move to make a shot as GMI Hans Jansen showed after the game. Notice that a piece at $<38>$ is absent!

$$
1.30-25 ? 26-31!!
$$

The choice of capture makes the shot more surprising.
$2.25 \times 1410 \times 30$
$3.35 \times 2421-26$
$4.36 \times 2726-31$
$5.27 \times 3612-17$
$6.23 \times 2116 \times 49$
Attacking pieces is dangerous. You give your opponent a free move, he could use for a shot!


In this position from a blitz game, black (G. Kolk) has just changed back $14-2025 \times 14$ $19 \times 10$ hoping for his opponent to attack piece 23 which indeed occurred. Kolk then showed a beautiful Grand Prix shot using his free move!
1.33-28 24-30
$2.28 \times 8$ 6-11
$3.35 \times 2415-20$
$4.24 \times 41-6$
$5.4 \times 2217 \times 46$
$6.8 \times 1711 \times 31$
$7.26 \times 3746 \times 35$

A. Baljakin - A. Presman

$$
1.32-28 ?
$$

White attacked piece 22. Black used his free move to perform an amazing combination.

$$
\begin{gathered}
1 \ldots 2-7! \\
2.28 \times 1712 \times 21
\end{gathered}
$$

$3.26 \times 1725-30!$
$4.34 \times 2410 \times 28$
$5.33 \times 2215-20$
$6.24 \times 1516-21$
$7.17 \times 265-10$
$8.15 \times 4$ - 12
$9.4 \times 1812 \times 41$
The punch line of the shot only emerges after nine moves: If white plays $10.42-3741 \times 32$ $11.48-42$ then $11 \ldots 32-37$ ! $12.42 \times 3136 \times$ $18+$ follows.
After a few moves white surrendered.


## M. Dolfing - B. Dollekamp

Knowledge of shot patterns helps spotting combinations in your games. Martin Dolfing has made elaborate study of the game and recognized the pattern from the Presman shot. In this game situation he forced an amazing shot, getting a king at $5 \ldots$

Ex 1.1 Try to find the forced shot for white! White begins by playing $45-40$ ! $5-10^{*}$ and then performs the shot.

A. Scholma - A. Schwarzman

$$
1.34-29 ?
$$

White thought that $1 \ldots 17-222.29 \times 2022 \times$ $313.46-4115 \times 244.41-36$ would be fine.

The world champion didn't spot the tactical idea for black either. GMI Guntis Valneris (World champion 1996) showed how black could have won after the game.

Ex 1.2 Can you spot the way black takes a shot using free moves?

R. Palmer - A. Damen

Ex 1.3 How could black have won after 39 33?

E. van de Weerdhof - L. Kouogueu

Ex 1.4 How did black win after 39 - 34 ?

R. Palmer - B. Eggens

After white had attacked piece 8 the players agreed on a draw, even though black could have used the free move!

$$
1 \ldots 24-30!
$$

White can choose how to take, but in the end it doesn't make a difference.
$2.12 \times 344-50$
$3.3 \times 20$
$3.25 \times 3450 \times 254.3 \times 2015 \times 38+$.
3.... $50 \times 48$
$4.25 \times 3448 \times 38$

G. Valneris - A. Gantwarg

After 40.37-32 black should have played 12 $1841.32 \times 2122-2842.33 \times 2218 \times 16=$, but he went wrong by playing

$$
40.37-327-11 ? 41.32 \times 2111-16
$$

Exercise 1.5 How did white now use the free move to take a winning shot?

A. Gantwarg - W. Chogoliev
34.37-31 18-22?!

White can't attack with $35.31-26$ because of $22-2836.33 \times 314-1037.26 \times 178-12$ $38.17 \times 1914 \times 45$.
$35.25-20 ? 14 \times 25$
$36.31-26$

White thought that his problem could be resolved by a sacrifice, but black surprised his opponent by a break through shot!
36... 8-12!!
$37.26 \times 1927-31$
$38.36 \times 189-13$
$39.18 \times 93 \times 45$
and black won.

J. Lemmen - K. Thijssen

Black attacked piece 22 by 1... 12 - 17?
White performed a great ping pong shot!

$$
\begin{gathered}
2.32-2823 \times 21 \\
3.25-2014 \times 34 \\
3.39 \times 3017 \times 39 \\
4.43 \times 149 \times 20 \\
5.30 \times 8 \quad 3 \times 12 \\
6.26 \times 8
\end{gathered}
$$



Ex 1.6 How does black win with a kingshot after 34 - 29?


> K. Thijssen - R. Sloot

White played 32-27? $22 \times 3137-32$
Ex 1.7 How could black have used the free move to take a breakthrough shot?

E. van Hierden - R. Heusdens

Ex 1.8 How should $7-1$ ? be punished?

A. Scholma - A. Baljakin

Ex 1.9 Black attacked having a gap at <13>, which often is a bad idea. How could white have profited?

Z. Golubeva - G. Valneris

Ex 1.10 How was $30-25$ ? punished?


This fork-lock position has occurred amongst others in P. Meurs - F. Andriessen. Black has just played $14-19 ?$ ! It looks as if $29-23$ forces winning a piece ( $10-1423-18 \mathrm{~W}+$ ).

Ex 1.11 Why would $29-23$ be a mistake?


Andreiko, a great tactical player (right), playing Mogiljanski

## 2.Weaknesses

Weaknesses in the opponent's position can help you looking for tactics. Especially gaps in the opponent's position often allow combinations, forcings or sacrifices.


## M. de Block - L. Huitema

Black's right wing attacking position contains gaps at <6, 12, 13, 14 \& 17>. White forces a win by exploiting these weaknesses.

$$
1.47-41!
$$

Threatening $34-2923 \times 3237 \times 6$ with a breakthrough. At 11-17 white simply plays 37 - 32 winning the outpost at <27>. Therefore black only has one response to eliminate the breakthrough threat.

$$
\begin{gathered}
1 \ldots 23-28 \\
2.26-21!!27 \times 16 \\
3.38-32
\end{gathered}
$$

Due to gaps at <12 \& 14>, white launches a double attack, introduced by a sacrifice eliminating piece 27 . Black can only respond by closing <23> with either $19-23$ or $18-23$. In both cases white plays 34-29 with a king shot.

C. van Dusseldorp - B. Woolschot

Black has many gaps in his position. White profited by performing a shot:

$$
1.25-20!!
$$

Black can now choose how to loose:

1) $1 \ldots 14 \times 252.34-3025 \times 343.43-$ $3934 \times 324.33-2822 \times 335.31 \times 22$ $18 \times 276.42-38$ ad lib. $7.48 \times 6 \mathrm{~W}+$
2) $1 \ldots 15 \times 242.34-2923 \times 343.43-$ $3934 \times 324.33-2924 \times 335.42-38$ ad lib. $6.48 \times 10 \mathrm{~W}+$

## Gaps make your position

 tactically vulnerable!

## K. Thijssen - N. Hoekman

Exercise 2.1 White has some gaps. Black to play made a nice shot!


## I. Weiss - A. Dussaut Match 1899

Isidore Weiss was the first world champion international draughts. He reigned from 1899 until 1912.
He was famous for his combinational talent. This position is typical for Weiss' playing style. Positional play was secondary to tactics. Piece 18 is vulnerable in this position, because black
has a weakness at <7>. White preformed a nice shot. Being able to make a $27 \times 7$ capture, white can pierce through black's position.

$$
\begin{aligned}
& 1.34-30!35 \times 24 \\
& \text { 2.37-32 } 26 \times 37 \\
& 3.29-2318 \times 38 \\
& 4.27 \times 738 \times 27 \\
& 5.41 \times 3
\end{aligned}
$$



## N. Rosink - J. Daems

Here, white can benefit from the gaps in black's position. Playing $37-31$ at this moment would not yield any result after $9-13$ $31 \times 2218 \times 27$ of course, but white prepares the attack by playing a sacrifice.

$$
\begin{gathered}
1.24-19!14 \times 23 \\
2.37-31!
\end{gathered}
$$

Both $9-13$ and $8-13$ don't work anymore and $27-32$ is met by $31-2732 \times 2126 \times 6$ W+, so white wins.


## E. Prosman - M. Kloosterziel

In this game situation black has weaknesses at his right wing. Gaps at <2> and <11> should trigger the idea of tactics.

Ex 2.2 How could white have won?


## A. Getmanski - A. Georgiev

Black has a strong centre. White has a lack of active formations to do something about it. He played 48 - 43? in order to be able to exchange via $32-2823 \times 2126 \times 28$.

Ex 2.3 Black forced a win by preventing all white's moves tactically. Which strong move did black play?

P. Steijlen - Z. Palmans

Exercise 2.4 How could white have exploited black's weaknesses, the gaps at both <12> and <14>?

A. Georgiev - A. Chizhov

Black faced problems in a closed classical position and just played 33... $24-29$ ?
Black has some weaknesses in his position. There are gaps at <8> and <17>. Piece 9 is not active yet. If piece 29 is changed black risks losing control over < 24 >.

$$
34.43-39!
$$

Let's look at all possible moves for black:

1) $34 \ldots 29-3335.30-24!33 \times 3136.37 \times 8$ W+.
2) $34 \ldots 29-3435.30-24$ ! $\mathrm{W}+$
3) $34 \ldots 21-2635.39-33$ ! $29 \times 3836.42 \times 33$ $14-20^{*} 37.27-22$ ! $12-18^{*} 38.30-25$ ! 18 x $2939.25 \times 3$ etc. with a good chance to win.
4) $34 \ldots 13-1835.27-2218 \times 3836.42 \times 4$ $23 \times 4137.47 \times 36 \mathrm{~W}+$
5) $34 \ldots 12-1735.39-33$ ! $29 \times 3836.42 \times 33$ $14-20^{*} 37.33-29!23 \times 2538.28-2217 \times$ $2839.32 \times 521 \times 4140.47 \times 36 \mathrm{~W}+$
6) $34 \ldots 14-2035.30-2419 \times 3036.28 \times 26$ W+
7) $34 . . .7-1135.30-25(35.42-3829-34$ $35.30-24$ also wins) $11-1736.39-3329 x$ $3837.42 \times 33$ followed by $35-30$ and $30-24$ W+.
So black was left only one alternative.

$$
\begin{gathered}
34 \ldots 12-18 \\
35.30-25!29-33
\end{gathered}
$$

Black again has no choice. At other moves white plays $39-3329 \times 3842 \times 33$ and black can't resist the $35-30-24$ threat.
White now creates a breakthrough by sacrificing two times in a row.

$$
\begin{aligned}
& 36.25-2033 \times 31 \\
& 37.37 \times 1714 \times 25
\end{aligned}
$$

$38.17-11$ doesn't work because of $19-24$ ! $39.11 \times 223-2940.2 \times 3025 \times 4341.49 \times 38$ $18-22=$.

### 38.32-28! $23 \times 32$

39.17-12

Black surrendered two moves later.

Weaknesses in the opponent's position should alarm you to look for tactical possibilities!

L. van der Laan - J. Stokkel

Ex 2.5 There are many gaps in black's position...
How did white win?

B. Ba-A. Gantwarg

White could have forced a win playing $33-29$ ! threatening $27-22 \mathrm{~W}+$. Black had prepared $23-2832 \times 2330-35$ as a response, but it would have failed.

Ex 2.6 How does white win after 33-29 23 $2832 \times 2330-35$ ?

A. van Tilborg - R. Palmer

White played 37-31!

Black can't attack $21-26$ because of $32-28$ $23 \times 2139-3426 \times 3734 \times 1+$.

Ex. 2.7 After $37-31$ black played $29-3439$ x 3021 - 26. How did white secure the win now?

G. Valneris - W. Ludwig

The weakness at <12> triggered the search for a shot, which Valneris indeed found and performed. The trapped piece at <37> gives white a free move for capturing with his king.

$$
\left.\begin{array}{l}
34.38-32!28 \times 37 \\
35.39-33 \\
36.26-21 \times 49 \\
37.21 \times 39 \\
37.24
\end{array}\right)
$$

38. $3 \times 17$


## A. Tjong a Ong - A. Scholma

White has many gaps in his position. He closed $<38>$ by playing $43-38$ ? but black took advantage of the remaining gaps!

Ex 2.8 How did black win?


In this position (coming from an analysis of the game P. van der Stap - Bouzhinski) black has many weaknesses. He is locked at his right wing, has a vulnerable outpost at <29> and several gaps in his position. White can attack piece 29 helped by tactics.

$$
1.44-40!19-23
$$

Other moves simply lose a piece because of 2.39-34.
$2.28 \times 3025 \times 43$
$3.33 \times 2443-48$
$4.40-34!48 \times 19$
$5.27-2217 \times 28$
$6.32 \times 12$
and white would have won the game.


Ex 2.8 How can white force a win?

A. Der - G. Valneris

Ex 2.9 Black has a Roozenburg attack. How did Valneris take advantage of the missing piece at $<49>$ to make a breakthrough shot?


World champion 1994 Guntis Valneris

## 3.The track to king



## D. Issalene - J. Rabatel

White has fork-locked his opponent. Although black has occupied <23 \& 24>, white can still challenge control over <24> using the 42 / 38 / 33 tail. Black's last move 31... 4-10? gave white the opportunity to use tactics as a weapon.

$$
32.39-33!
$$

This activates the 42 / $38 / 33$ tail and threatens $33-28 \mathrm{~W}+$. Black can't escape by making an exchange:

1) $32 \ldots 24-3033.35 \times 2423-2934.34 \times 23$ $18 \times 20$ is punished by $35.33-28$ ! using the weakness at <19>.
2) $32 . . .23-2933.34 \times 2318 \times 2934.27 \times 18$ $12 \times 23$ gives white the chance to force a coup Napoleon: 35.33-28! 14 - 19* 36.25-20! 24 x $1537.28-2217 \times 2838.26-2116 \times 27$ $39.31 \times 13 \mathrm{~W}+$.

The third possibility to change was played in the game, but white had an unpleasant surprise for his opponent:
32... 24-29
$33.33 \times 2423-28$
$34.32 \times 2318 \times 20$
$35.27 \times 1812 \times 23$


The track to king $35 \times 24 \times 15 \times 4$ becomes visible now.

$$
36.26-21!!
$$

A brilliant move. Black can choose how to capture, but white always gets a piece at <30>. At $36 \ldots 16 \times 2731 \times 2217 \times 2838-3328 \times$ $3035 \times 4 \mathrm{~W}+$ follows.

$$
\begin{gathered}
36 \ldots 17 \times 26 \\
37.37-3226 \times 28 \\
38.38-3328 \times 30 \\
39.35 \times 4
\end{gathered}
$$

In order to be able to avoid this scenario black should have discovered this shot already when he played $31 \ldots 4-10$ ?
Nobody told you draughts was an easy game! White's king cost 2 pieces (we count the king as one piece). He needs to stay concentrated and play precise to win. Never underestimate the endgame! It's easy to overlook something when kings are involved!
$39 \ldots 11-17$
$40.4-31!17-21$
$41.31-26!21-27$


White can play $26-3$ safely. The king can't be caught $7-11$ (or $23-28-33$ ) $3 \times 2523-$ $2920 \times 2116 \times 27$ because $25-20$ gives white an easily winning breakthrough.
42.42-38 23-28

$$
43.26-482-8
$$

$$
44.40-348-13
$$

White makes a shot with his king now.

$$
\begin{gathered}
45.25-20!14 \times 25 \\
46.34-30 \quad 25 \times 34 \\
47.48 \times 39
\end{gathered}
$$

Black resigned.

## Spotting the track to king can often help you find a shot



The track to king is $34 \times 23 \times 12 \times 3 \times 14 \times 5$. White has to remove piece 12, but this seems impossible at first sight! However, when we examine the situation with more detail we see a surprising way to remove piece 12. Piece 33 is going to make a giant leap!

$$
\begin{gathered}
1.33-28!24 \times 31 \\
2.28-2227 \times 38 \\
3.36 \times 2721 \times 32 \\
4.22-1712 \times 21 \\
5.39-3338 \times 29 \\
6.34 \times 5
\end{gathered}
$$


A. Getmanski - S. Bonadikov

The position that emerges in the opening after (for example) $1.32-2817-222.28 \times 1712 x$
$213.34-297-124.40-341-75.38-32$ $16-21$ ? has occurred in several games, like M. Durdyev - M. Linssen. Durdyev and Getmanski, both grandmasters didn't spot white could have forced a king shot.

Ex 3.1 Can you find how to force a king shot?


White discovered a track to king $23 \times 5$. He also spotted a way to get a king at 49 which is transported to square 19. But the nicest thing is that white gets a free move, which allows him to make a shot with his king capturing 6 pieces.
$1.37-31$ ! $36 \times 27$
$2.32 \times 2116 \times 27$
$3.38-3227 \times 38$
$4.48-4338 \times 49$
$5.26-21!49 \times 19$
$6.23 \times 517 \times 26$
$7.28-2218 \times 27$
8.34-30 $25 \times 23$
$9.5 \times 25$


In this position white uses two tracks in order to be able to take a shot. These are $43 \times 32 \times$ $23 \times 14 \times 3$ and $37 \times 2817 \times 8$ followed by $31 \times$ $22 \times 13 \times 4$.
White can combine both ideas playing

$$
1.15-10!!4 \times 15
$$

$1 \ldots 14 \times 5$ would allow $2.38-3227 \times 383.43$ x $3 \mathrm{~W}+$. Now white gives his opponent a king using the free move to make the 41 / 37 formation.

$$
\begin{gathered}
2.39-33!28 \times 48 \\
3.47-4148 \times 25 \\
4.35-3025 \times 32 \\
5.37 \times 8 \quad 13 \times 2 \\
6.31 \times 4
\end{gathered}
$$



## Z. Golubeva - T. Tansykuzhina

White played 1.32 - 28?? This is a terrible tactical mistake.

Ex 3.2 Answer the questions:
A) Why should white have been alarmed?
B) How did black win?

A. Baljakin - R. Boomstra

Ex 3.3 White played 34-29? How did black win?

W. Sipma - K. van Amerongen

Ex 3.4 How was $26.40-34$ ? punished?

H. van den Heuvel - H. Van der Veen

Ex 3.5 White performed a brilliant king shot. Try to find it.

J. Smits - W. Van der Braak

White performed a great kingshot:

$$
\begin{aligned}
& 1.36-3126 \times 37 \\
& 2.24-19 \\
& 3.34-30 \\
& 45 \times 24 \\
& 4.28 \times 30 \\
& 5.37 \times 28 \\
& 6.30-24 \\
& 6
\end{aligned} 19 \times 19
$$

$$
\begin{gathered}
7.39-3328 \times 39 \\
8.43 \times 5
\end{gathered}
$$



## G. Heerema - E. Prosman

With his last move 12-17? black opened the door for a king shot:

$$
\begin{gathered}
1.30-2419 \times 39 \\
2.28-2318 \times 29 \\
3.37-3126 \times 28 \\
4.40-3439 \times 30 \\
5.35 \times 2
\end{gathered}
$$



## Sijbrands - Algra

In this fork-lock position black has a weakness at <14>. White can look for a shot $43 \times 3$ now, but it is very hard to spot the way to do this. Nevertheless Sijbrands demonstrated a beautiful king shot.

## $1.29-24!20 \times 29$

1 ... $19 \times 30$ is met by $2.26-2117 \times 283.38-$ $3322 \times 314.36 \times 2728 \times 395.43 \times 3 \mathrm{~W}+$

$$
\begin{gathered}
2.38-3329 \times 47 \\
3.32-2822 \times 33 \\
4.27-2217 \times 28 \\
5.48-4247 \times 38 \\
6.43 \times 3
\end{gathered}
$$

The piece at <33> forces the king to stop at <38>. Sijbrands won the game after 6... 33 -$387.49-4338 \times 408.45 \times 3411$ - 179.3 25 13-1910.34-3019-2311.30-24 2328? 12.25-39 and black resigned.


Ex 3.6 Try to find the king shot for white!

G. Kolk - B. Derkx

Ex. 3.7 How did black win after 48 - 43?

N. Smeitink - A. Shaibakov

Ex 3.8 How did black punish $37-31$ ?


## A. Scholma - K. Thijssen

During the Dutch championships 2005 both grandmasters went terribly wrong. Black has just played $24-30$ ? White should have been alarmed by the $32 \times 1$ track to king, but played $38-33$ ?

Ex 3.9 How could white have won?


Kees Thijssen

## 4.The impossible move

Sometimes a move that apparently is absurd turns out to be a surprising way to win. In this lesson we will see examples of what is ironically called the impossible move.


## A. Georgiev - L. Sekongo

 World Challenge 1997Black has just played $37 \ldots 18$ - 22?, presuming that $32-27$ would be impossible now.

$$
38.32-27!!
$$

This must have come as a shock for black! It appears that replying with $38 \ldots 2-7$ fails: $39.27 \times 1812 \times 4140.36 \times 4726 \times 3741.38-$ $3237 \times 2833 \times 4+$.
Black is lost, because 138... $2-18$ fails also, due to $39.27-2116 \times 2740.37-3226 \times 37$ $41.32 \times 1420 \times 942.28 \times 17+$.


Black has a weakness at <13>, so he should have been alarmed! White plays an 'impossible' move:

$$
1.37-31!!
$$

Black can't take the obvious $21-2732 \times 21$ $17 \times 3728 \times 1712 \times 21$ due to $38-3237 \times 28$ $33 \times 2 \mathrm{~W}+$.

The 21 - 26 move doesn't help either. White then takes a king shot: $32-2726 \times 3727-21$ $17 \times 2628 \times 1712 \times 2138-3237 \times 2833 \times 2$ $+$.
At all other moves $31-27 \mathrm{~W}+1$ follows.


## F. Hermelink

In this composition white wins surprisingly playing a sacrifice, which is followed by the 'impossible' move:

$$
\begin{gathered}
1.34-30!24 \times 35 \\
2.42-38!
\end{gathered}
$$

Threatening both $28-23 \mathrm{~W}+$ and $31-2722 x$ $3144-3935 \times 4428-2217 \times 3738-32$ $37 \times 2833 \times 1144 \times 3343-3833 \times 4248 \times 8$ W+. After $21-2732 \times 2117 \times 3728 \times 1712$ $\times 21$ white wins by playing $44-39$ ! $35 \times 4438$ $-3237 \times 2833 \times 1144 \times 3311-7$ etc. W+.

A. Scholma

$$
1.39-33!!
$$

Both $24-29$ and $23-29$ are followed by 38 $3350 \times 3137 \times 10 \mathrm{~W}+$, while white is threatening both $34-29 \& 33-29$. It looks like black can change via $23-2833 \times 2224-29$ $34 \times 2319 \times 17$, but:
1... 23-28
$2.32 \times 23!19 \times 30$

## $3.44-3921 \times 34$ $4.40 \times 7$



## A. Chizhov - H. Elenbaas

Both players have an outpost at <24 / 27>. White controls the centre having an outpost at <23>.
Both black and white have little room to play. Therefore the game approaches its climax.
White can't play $30.40-35$ ? due to $13-19$ $31.24 \times 138 \times 28 B+1$.
The alternative $30.34-30 ? 25 \times 3431.39 \times 30$ would be a terrible move because of $31 . . .13$ 19 B+ that would also follow at $30.37-32$ ?, so white has only one move left...
$20.33-28!22 \times 33$
$21.39 \times 2818-22$
$22.43-3922 \times 33$
$23.39 \times 28$


A bizarre situation. It looks like white has just committed suicide, but in fact he trapped his opponent.
23... 13 - 18 ?
$24.31 \times 138 \times 50$
$25.40-34!50 \times 22$
26.23-19 $14 \times 23$
$27.29 \times 18$
Black could have escaped from the shot playing 23... 25-30!

1) $24.34 \times 2513-1825.31 \times 138 \times 3026.25$ x 3412 - $1827.23 \times 1217 \times 828.26 \times 1711$ x $24=$
2) $24.24 \times 352-7$ ! $25.31 \times 2221-2726.22 x$ $3117-2127.26 \times 1711 \times 24$ Black will regain the lost piece, for example $28.44-3924-29$ $29.24-1913 \times 2430.34 \times 2324-3031.35 \times$ $2420 \times 18=$.

H. Meijer - A. Aksanov

It seems absurd, but white played the superb $34-29!$ ! forcing a win using the enemy king to make king shot himself.

$$
\begin{gathered}
1.34-29!4-9 \\
2.29 \times 2014 \times 34 \\
3.39 \times 3028 \times 50 \\
4.38-3350 \times 28 \\
5.26-2117 \times 37 \\
6.41 \times 5
\end{gathered}
$$



## P. Roozenburg

White has fork-locked his opponent. He has got a rare and brilliant idea to blow up black's position.

$$
\begin{gathered}
1.26-21!17 \times 26 \\
2.32-28!
\end{gathered}
$$

Stunning! White sacrifices a piece and offers his opponent winning another two pieces. But playing $10-15$ (or other moves like 19-23
and $14-20) 28 \times 1712 \times 4136 \times 4726 \times 37$ is punished by $38-3237 \times 2833 \times 2 \mathrm{~W}+$.
$2 \ldots 8-133.28 \times 813 \times 2$ (piece 13 disappears!) $4.37-3226 \times 285.33 \times 24$ loses a piece.
At $2 \ldots 16-21$ white takes $3.28 \times 17$ ! with the same idea.
Closing the gap playing $12-17$ brings about new gaps: White takes the $27-2116 \times 2737$ $-3226 \times 3732 \times 3 W+$ shot.

Ex 4.1 Look at the same position, but with piece 10 at $\langle 4>$. If white plays 26 - $2117 \times 26$ 32 - 28 now, black can escape the king shot. What's black's best reply?


Ex 4.2 Which strong move can white play? Why is it so strong?


## C. van der Tak - H. Jansen

White has a good centre attack, but made a mistake playing 41.36-31?

Ex 4.3 Which strong move could black have played now?


Ex. 4.4 Is $28-22$ a good move or not?

A. Georgiev - T. Chub

Ex 4.5 Which strong move forces the gain of a piece?


Ex 4.6 White can't win by playing $21-1712 x$ $2127 \times 16$ because black can still pay $7-12$ ! What is the right move for white?


## T. Harmsma - NN

White controls the left wing in this classical position. He forces a nice win.

$$
1.40-3424-29
$$

1... $14-20$ is met by $2.27-22$ etc. With a breakthrough.

$$
\begin{gathered}
2.39-3329 \times 40 \\
3.35 \times 44!!
\end{gathered}
$$

This continuation seems impossible, because black can go to king. Because of the 33-29 $27-22$ break through threat black has no choice. He has to take the king shot.

$$
\text { 3... } 17-22
$$

$4.28 \times 1723-28$
$5.32 \times 1213-18$
$6.12 \times 2319 \times 50$
7.27 - 22!

The king will be caught with an easy win for white.

A. Georgiev - V. Milshin

It looks like white should play $28-23$ heading for a draw, but Georgiev plays an incredible move:

$$
1.44-40 ?!
$$

Georgiev is never afraid to take risks. He surely is the bravest player in the world. After 9 - 13 white will be in trouble, but it looks like black can force a win immediately. Milshin couldn't resist the temptation...

$$
\text { 1... } 18-23 ? 2.44-40!!
$$

Wow! Milshin must have been flabbergasted. It's not so hard to see that $21-2732 \times 1223 \times$ 43 fails due to $33-2822 \times 3334-3025 \times 34$ $40 \times 49 \mathrm{~W}+1$, but what about $2 \ldots 21-273.32$ x $1223 \times 41$ ? White turns out to have a very special type of ping pong shot: $4.12-7$ ! $26 \times$ $485.7-148 \times 3049.35 \times 139 \times 1850.1 \times 46$ W+.
Milshin played $2 \ldots 22-273.31 \times 1121-27$ $4.32 \times 2123 \times 43$ but lost the macro endgame after 5.21 - 16 .


## A. Mogiljanski - A. Baljakin

Baljakin played (during the Wch 2011) the impossible move

$$
\text { 24... } 11-17 ?!
$$

as a snare. A snare is a move provoking a shot that will be punished by a contra-shot. So it looks as if the move is a mistake, but actually one hopes that the opponent takes the shot... White was trapped after 28-23.

$$
\begin{gathered}
25.28-2319 \times 2826.33 \times 1124 \times 33 \\
27.39 \times 2825-3028.34 \times 25 ?
\end{gathered}
$$

$28.35 \times 24!20 \times 2929.34 \times 2312-1730.11 \times$ $2214-1931.23 \times 127 \times 4732.40-3413-$ $1833.34-2947 \times 2034.43-3820 \times 31$ $35.26 \times 37$ results in a draw.

$$
\begin{gathered}
28 \ldots 12-1729.11 \times 2214-19 \\
30.25 \times 127 \times 47
\end{gathered}
$$

White caught the black king: $31.40-3413-$ $1832.34-2947 \times 2033.43-3820 \times 31$
$34.26 \times 37$ with a worse position for white. Compared with the other line white has a weak piece at <35>. White didn't defend accurately and lost the game.


White plays $47-41$ ?! as a snare, hoping for his opponent taking a shot by $24-29$. Black will get a king, but white calculated a phenomenal contra-shot!

$$
1.47-41 ?!24-29 ?
$$

Black takes a semi coup Royal, but he turns out to be trapped.

$$
\begin{gathered}
2.33 \times 2419 \times 30 \\
3.28 \times 1711 \times 31 \\
4.35 \times 24!31-36 \\
5.25-20!36 \times 47 \\
6.37-3126 \times 28 \\
7.38-3347 \times 29 \\
8.24 \times 4
\end{gathered}
$$



## O. Pestunova - A. Krasnova

In this decisive game for the girls' Wch 2000 white played a snare.

$$
1.49-44 ?!
$$

Provoking black to take a king shot by $24-30$ \& $23-28$. But $1 \ldots 24-30$ is met by $2.35 \times 24$ ! $19 \times 303.25 \times 3423-284.33 \times 2217 \times 28$ $5.32 \times 2318 \times 496.38-33!49 \times 217.26 \times 10$ W+.

$$
\begin{gathered}
1 \ldots 2-8 \\
2.44-4017-22 \\
3.27-2116 \times 27 \\
4.32 \times 21
\end{gathered}
$$

White makes another attempt to trap the opponent by playing a snare. 4... $17-225.33$ x $2218 \times 16$ gives white the opportunity to perform a coup Philippe: $6.35-3024 \times 33$ $7.38 \times 20+$.

$$
\text { 5... } 12-17 ?
$$

After this exchange the game was drawn later. Black could have forced the win however, playing the surprising $5 \ldots 3-9!$ ! threatening 22 -28 while $6.21-16$ is met by $14-20$ !! $7.25 x$ $36-118.16 \times 712 \times 19.3 \times 2812 \times 45 B+$.

A snare is a move provoking a shot that will be punished by a contra-shot


## M. Nasanbayar - O. Pestunova

During the same championship the player from Mongolia missed to win by playing the seemingly impossible move 1.32 - 28 !! Black doesn't have a temp to wait for $28 \times 1712 \times$ 34. It appears black can play $18-23$, but this loses too: $1.32-2818-232.27 \times 2023 \times 34$ $3.42-3824 \times 154.33 \times 2 \mathrm{~W}+$.


## A. den Doop - E. Watoetin

Black to move played the impossible move:

$$
32 \ldots 18-23!
$$

White can't take the $34-30$ shot: $25 \times 3440 \times$ $78-127 \times 1813 \times 44 \mathrm{~B}+.33 .28-22$ is punished by the $23-2913-1925-3020 x$ 47 coup Napoleon.
White should have replied $33.37-31$ ! for now $21-27$ can be met by $32 \times 21$ ! $23 \times 32$ ( $16 \times$ $2731 \times 22$ doesn't change things) $43-3832 \times$ $4334-2943 \times 2335-30$ etc.
In the game white fell victim of the coup Napoleon:

$$
\begin{aligned}
& 33.36-3121-27 \\
& 34.31 \times 22 \quad 23-29 \\
& 35.34 \times 14 \\
& 36-13-19 \\
& 36.14 \times 23 \\
& 37.35 \times 24-30 \\
& \hline
\end{aligned}
$$



## T. Goedemoed

In this composition white can force a win!
Ex 4.8 White has to play two forcing moves, after which black has to take a losing king shot. How does the forcing go?

M. Knipper - M. Linssen

Ex 4.9 Which is the winning move for white?

T. Goedemoed - G. Mollink

Ex 4.10 Which move did white play?


## A. Baljakin - Truus

It is pretty hard to play against a computer program like Truus. These programs make no tactical mistakes and can surprise even grandmasters sometimes!
Here Truus played a beautiful, seemingly impossible move:

$$
\text { 26... } 19-23!!
$$

Funny. $33-2822 \times 3339 \times 104 \times 1525 \times 14$ is punished by $13-1914 \times 2318 \times 49 \mathrm{~B}+$. Black is threatening to play $23-28$ and $31-$ $27 \times 27$ isn't a solution for that.

$$
27.24-3013-19 ?!
$$

White wanted to change $30-2420 \times 2933 \times$ $138 \times 19$ now, but it turned out that black played a snare!

$$
\begin{aligned}
& 28.30-2419 \times 30 \\
& 29.35 \times 1523-29 \\
& 30.33 \times 24 \times-10 \\
& 31.15 \times 4 \\
& 32.4 \times 13-9 \times 30
\end{aligned}
$$

$33.25 \times 3422-28$
$34.32 \times 2318 \times 49$


Ex 4.11 White wins a piece by a forcing. How?


## N. Hoving - M. Stempher

Ex 4.12 Black faces huge problems. Since $1 \ldots$ $23-292.27-21$ etc. looks very bad, he played $1 \ldots 17-22$. Which would have been the winning move for white?



Matrena Nogovychina is building a tower of draughtsmen while Thijs van den Broek watches in admiration

## 5.Sacrifices

In A course in draughts part 2 sacrifices were covered, especially in classical positions. There are many different types of sacrifices in our game. In this paragraph, we will try to cover some of the most common ones, but we'll start with a few extraordinary examples


## A. Scholma

$$
\begin{gathered}
1.27-22!!18 \times 36 \\
2.33-28 \quad 23 \times 32 \\
3.38 \times 27
\end{gathered}
$$

There is not much black can do to stop the 27 $-2147-42$ threat. $8-12$ is answered by the king shot $27-2247-4243 \times 5+$.


## O. Dijkstra

White plays a stunning sacrifice:

$$
\begin{gathered}
1.34-30!35 \times 24 \\
2.43-39!
\end{gathered}
$$

Black can't parry the threats $28-22$ \& $27-22$ $28-23$ by $17-22$ or $18-22$ because piece 15 will go to king. $17-21$ is answered by 26 x $17!$ ! with the same idea...


## W. van der Kooij - J. Krajenbrink

Black's right wing is locked, but Krajenbrink must have thought that this lock is not economic and he wanted to exploit the seemingly non-active pieces at $<31 \& 36>$.
He played 1... 15-20? It looks like white can't go to <22>. However sacrificing a piece changes that.

$$
\begin{gathered}
1 \ldots 15-20 ? \\
2.34-30!!35 \times 24 \\
3.27-22!18 \times 27 \\
4.33 \times 22
\end{gathered}
$$

To eliminate the 21 - 17 threat black has to give back the piece, but after 4... 23-285.22 x 33 his situation was still hopeless: White threatens to play $33-28$ followed by $28-22$ after which $21-17$ is lethal. $4 \ldots 11-17$ isn't possible because of $16-11 \mathrm{~W}+$. $4 \ldots 12-18$ is punished by 5.21-1711×226.33-29 24 x $337.39 \times 178-128.17 \times 813 \times 29.16-11$ ! $7 \times 1610.26-2116 \times 2711.31 \times 15 \mathrm{~W}+$.

V. Milshin - G. Valneris

White went wrong playing $1.21-16$ ? and was trapped by Valneris in a beautiful way:

$$
1.21-16 ? 17-21!!
$$

Now $2.26 \times 17$ loses due to $11 \times 222.28 \times 17$ $12 \times 213.16 \times 2724-304.35 \times 2419 \times 28$

B+. and $2.16 \times 27$ is met by $18-23$ followed by $24-29$ with a winning breakthrough.

## $2.16 \times 712 \times 1$ <br> $3.26 \times 17$

The immediate $18-23$ would be answered by the stick move $17-12$, but black eliminates this opportunity by another sacrifice:
3... 6-11!!
$4.17 \times 618-23!$
$5.38-32$ 24-29
$6.33 \times 2419 \times 39$
$7.28 \times 1913 \times 24$
and black won the game.


## A. Vermeulen - E. van Reenen

Can white touch the vulnerable spot at <18>? Yes, with the help of a double sacrifice he can!

$$
\begin{gathered}
1.25-20!24 \times 15 \\
2.34-2923 \times 43 \\
3.48 \times 39
\end{gathered}
$$

Flabbergasted, black stands empty-handed!

H. Wiersma - A. Scholma

White has a right wing attack with some weakness: piece 35 would be more active at $<40>$ and base piece <47> is missing. White can't go on with $42-37$ because of $27-3136$
x $2717-2126 \times 1712 \times 41 \mathrm{~B}+$. White plays the most natural move, but overlooked black's surprising response.

$$
\begin{aligned}
& 1.28-23 ? ~ 14-19! \\
& 2.23 \times 14 \quad 12-18
\end{aligned}
$$

Threatening 27-32 18-23B+.
$3.42-3727-314.36 \times 2718-235.29 \times 18$ $13 \times 426.48 \times 3720 \times 407.45 \times 349 \times 20$ wins a piece for black.
White has no sensible way to give back the piece. He chose $3.34-3025 \times 234.14 \times 25$ losing a piece (and later the game) after 4... 23 - 29!

H. Meijer - A. Berçot

Black has just played $24-30$ ? White can't attack the piece at <30> with $40-35$ ?? of course due to $21-26$, but by sacrificing a piece white could have forced a situation in which black has no good move left.

$$
\begin{gathered}
1.31-26!21-27 \\
2.32 \times 2116 \times 27 \\
3.33-2923 \times 32 \\
4.40-35
\end{gathered}
$$

Black has a piece more, but loses anyhow ...

B. Groen - J. Peters

Ex 5.1 White forces a win with the help of a sacrifice!

R. Kromhout - J. Arts

Ex 5.2 Try to freeze black out with the help of a sacrifice!


Ex 5.3 How does white force the win?


## J. vanden Akker - V. Kudriavcev

White played 1.38 - 32 ?! hoping to seduce his opponent to make a sacrifice. Black indeed played 1... 29-33? $2.39 \times 2811$ - 16

Ex 5.4 How did white punish this sacrifice?


## T. Goedemoed - T. van Adrichem

Ex 5.5 How could white have forced a sacrifice leading to a freeze out?

N. Samb - R. Clerc

White is fork-locked and tried to relieve the pressure by playing a sacrifice.

$$
\begin{aligned}
& 39.28-223-8 \\
& 40.22-1721-26
\end{aligned}
$$

Going on to $<11>$ is impossible because of the 12-17 19-2324-3020x49 king shot.

$$
41.35-3012 \times 2142.40-35
$$



Black could have played the impossible move: 42... 13 - 18!!

Ex 5.7 Why does 37 - 31 ? fail?

The positional continuation $42 . .13-1843.32$ $-2819-23!44.28 \times 1015 \times 445.30 \times 199-$ 13 gives black a big advantage, for example 46.19 - $1420 \times 947.43-3813-19$ ! $48.29-$ $2419 \times 3049.35 \times 2418-2350.38-3221-$ $2751.32 \times 2126 \times 1752.37-3217-2153.45$ $-4021-2654.32-272-7$ and white is losing due to a lack of space.


White attacks the piece at <24> and then sacrifices a piece to activate the 33 / $38 / 42$ tail in order to change and break through.

$$
\begin{gathered}
1.34-2910-15 \\
2.29 \times 2015 \times 24 \\
3.28-2218 \times 27 \\
4.33-2924 \times 33 \\
5.38 \times 29
\end{gathered}
$$

At the next move white plays $29-24 \times 24$ and races to king, winning the game.

## Sacrifices often help breaking through to king


1.34-29 14-20
2.27-22! $18 \times 27$
$3.32 \times 2116 \times 27$
4.29-23

White wins a piece or breaks through.


## T. Goedemoed - J. Algra

White built the power block to put pressure at <24>. With the help of some sacrifices the attack is successful.

$$
\begin{aligned}
& 23.34-2923 \times 34 \\
& 24.40 \times 2015 \times 24 \\
& 25.45-4013-18 \\
& 26.40-3418-23
\end{aligned}
$$

Piece 24 is defended horizontally by piece 23. White gets rid of piece 23 by playing a (pseudo)sacrifice and attacks piece 24.


The same situation has emerged. Black tries to defend piece 24 horizontally (34.39-34 18 23) but white eliminates the defender again by sacrificing.
34.27-22! $18 \times 27$
35.39-34 1-7
35.34-29 7-12
$36.29 \times 20$ 12-18


## $37.20-15 ?$

Hoping for $37 \ldots 18-23$ ? $38.36-31!27 \times 36$ $39.46-4136 \times 4740.30-2447 \times 2041.15 \times$ $4 \mathrm{~W}+$, but black played $37 \ldots 19-23$ and defended correctly with a draw.
White should have made a third sacrifice to break through! 37.33-28! 9-13 (37... 18 -$2338.30-24 \mathrm{~W}+$ ) $38.20 \times 93 \times 1439.28-$ $22!!27-3240.30-24$ ! $19 \times 3041.35 \times 2418$ x $2742.24-2014-1943.20-15$ and white goes to king quickly.


Ex 5.7 How can white force a breakthrough?


Ex 5.8 Try to find out how white can force a breakthrough helped by a sacrifice at the endof the variation.


## G. Bosker - A. Domchev

It looks like white has a good position but black takes advantage of the non-active piece at <46> sacrificing a piece.

$$
\begin{gathered}
42 \ldots 22-28!43.23 \times 32 \\
17-22
\end{gathered}
$$

All white pieces but one are locked. But how to continue after 46-41?

$$
44.46-4114-20!
$$

$45.24-1920-2446.19 \times 3035 \times 24 B+$

$$
\begin{array}{ll}
45.32-28 & 22 \times 33 \\
46.24-19 & 20-24 \\
47.19 \times 30 & 35 \times 24 \\
48.37-32 & 33-39
\end{array}
$$

White resigned after 49.32-28 $39-4350.28$ - 2243 - $4951.22-1726-31$.


Ex 5.9 White forces the win playing a sacrifice!

D. Douwes

Ex 5.10 White to play and win!

### 1.6 Forcing

More surprising than a direct shot is forcing a shot. A forcing begins with a move facing the opponent with a threat, forcing him to do something against the threat. Only then the real point of the forcing is revealed, a combination.

A forcing is introduced by a move or a couple of moves that force(s) the opponent to reply in a certain way after which a shot is taken.

C. Kuijstermans - A. Sheoratan
18.40-35 11-17?
$19.35 \times 2419 \times 30$

White can force a win now. Black should have played 18... 18-22.

$$
20.33-29!
$$

Introducing the 25-2039×10 threat, forcing black's response, after which white forces another reply.

$$
\text { 20... } 14-19
$$

21.37-32! 17-21
$22.26 \times 1712 \times 21$
$21 \ldots 6-1122.32 \times 2111-1623.29-24$ ! 16 x $2724 \times 34 \mathrm{~W}+1$.

$$
23.29-24!30-35
$$

Only after the third forcing move, the combination is performed.
$24.50-45!19 \times 30$
$25.34-29!23 \times 34$
26.38-33 $27 \times 29$
27.43-38 $34 \times 32$ $28.25 \times 1$

R. Boomstra - A. Getmanski

The game was played during the World championship 2011. Black has a worse closed classical position and goes wrong:

$$
\text { 33... } 13-18 ?
$$

Alarm bells should have rung for the young grandmaster Boomstra. Black creates a gap at <13> next to the already existing gaps at <12 \& $14>$ ! The logical move to look at is $37-31 x$ 31 attacking piece 21 . In the game white didn't pay attention to this forcing and played 42-38 and later the game ended in a majority draw (1+-1-). For a discussion of the majority and minority draw, see the section on the endgame.

$$
34.37-31!26 \times 3735.42 \times 3121-26
$$

$35 \ldots 6-11$ is met by $36.28-229-1337.31$ $-26 \mathrm{~W}+$ while $35 \ldots 8-12$ is answered with an Arch shot: $36.27-22!18 \times 2937.39-3423 x$ $3238.34 \times 5 \mathrm{~W}+$.
$36.27-21!16 \times 29$
$37.40-35!26 \times 37$
$38.44-4023 \times 32$
$39.48-4237 \times 48$
$40.39-3448 \times 30$
$41.25 \times 5$


White forces a shot in this classical position. Black has just played $14-20$ in order to break open the position after $30-25$.

$$
\begin{gathered}
1.30-25!24-29 \\
2.25 \times 1419 \times 10 \\
3.28 \times 1913 \times 24 \\
4.32-28!
\end{gathered}
$$

Threatening $27-2228-2337-3142 \times 2+$. At $4 \ldots 8-13$ white attacks twice playing 5.28 $-2329-346.23-19 W+$, so the next move is forced.

$$
\begin{gathered}
4 \ldots 29-34 \\
5.37-31!26 \times 37 \\
6.42 \times 31
\end{gathered}
$$

Again forcing black's reply: something must be done about the $27-21$ threat.
6... 8-13
$7.28-23!18 \times 29$
$8.38-3329 \times 49$
$9.31-2649 \times 21$
$10.26 \times 34$


## I. Kostionov - T. Goedemoed

White forced a nice win:

$$
39.27-22!17-21
$$

39... $7-1140.47-41!36 \times 4741.42-3747$ $\times 3342.28 \times 3917 \times 28453.32 \times 25 \mathrm{~W}+1$

$$
\begin{gathered}
40.22-17!36-41 \\
41.17 \times 1941-46 \\
42.19-14!9 \times 20 \\
43.38-3329 \times 27 \\
44.40-3447 \times 40 \\
45.45 \times 14
\end{gathered}
$$

Black resigned.


This fork-lock position occurred at least three times in a game: D. Edelenbos - E. Wanders 1990, J. Dallinga - A. van Tilborg \& J. Haijtink - J. Groeneveld. Black can force a winning shot, but not one of the players spotted it during the game!

$$
\begin{gathered}
23 . . .17-22! \\
24.38-32^{*} 18-23!!
\end{gathered}
$$

Wanders played 24... 14-19? and white won with the $35-3029-2438-3334 \times 5$ king shot.

White has two options:

1) $25.27 \times 1813 \times 2226.29 \times 2716-2129.26$ x $1712 \times 2130.27 \times 1624-3031.35 \times 2420$ x 47 B+
2) $25.29 \times 1812 \times 2326.27 \times 2916-2127.26$ x $1724-3028.35$ x $248-1229.17 \times 1914$ x $2330.29 \times 1820 \times 47$ B+

D. van den Berg
$1.31-27!22 \times 312.37 \times 2610-14$
$2 \ldots 18-22$ is met by $26-2138-3234 \times 5$ W+.

$$
\begin{array}{cc}
3.33 \times 22 & 18 \times 27 \\
4.26-21! & 27-31 \\
5.48-43 & 16 \times 27 \\
6.38-32 & 27 \times 49 \\
7.39-33 & 49 \times 35 \\
8.33-29 & 24 \times 33 \\
9.34-30 & 35 \times 24 \\
10.42-37 & 31 \times 42 \\
11.47 \times 7
\end{array}
$$

After this beautiful shot white wins a sharp endgame.
11... 19 - 23
12. 7-1 23-28
13.1-29 28-32
14.24 - 42 W+


## J. Stokkel - M. Rentmeester

White played 1.47 - 41? Black spotted the track to king $17 \times 46$. White has also weakened <42>. These features triggered the idea for a nice forcing:

$$
1 \ldots 14-20!
$$

$2.25 \times 1419 \times 10$
Introducing the 24-1915-20 $13-1917 x$ 46 threat. White's reply is forced.

$$
2.33-2817-21!!
$$

Creating a free move to take a breakthrough shot.
$3.28 \times 3010-14$
$4.26 \times 1711 \times 31$
$5.36 \times 2718-22$
$6.27 \times 2015 \times 42$


## B. Smeenk

Ex 6.1 White to play forces a win. He plays 4 introductory moves before combining. Then an endgame follows in which black's future king is ambushed.

H.J. v.d. Holst

Ex 6.2 White forces opposition!

A. Timmer

A deep forcing in which white makes the position classical, forces a coup Weiss and wins the endgame in a nice way.

$$
1.31-27!22 \times 312.36 \times 279-14
$$

2... 10-14 or $2 \ldots 9-13$ make no difference.

$$
\begin{aligned}
& 3.33-2814-19 \\
& 4.38-339-14 \\
& 5.42-3814-20
\end{aligned}
$$

Black had no choice. Now white takes the coup Weiss and wins as already shown by G. Bakker.

$$
\begin{array}{cc}
6.27-22 & 18 \times 27 \\
7.28-22 & 27 \times 18 \\
8.37-31 & 26 \times 28 \\
9.33 \times 15 & 23-28 \\
10.15-10 & 28-32 \\
11.38 \times 27 & 21 \times 32 \\
12.10-5 & 32-38 \\
13.5-37 & 16-21 \\
14.37-48!
\end{array}
$$

White wins:

1) $14 . .21-2615.48-37 \mathrm{~W}+$
2) $14 \ldots 21-2715.48-2627-3216.26-31$ W+
3) $14 \ldots 38-4315.48-2643 \times 3416.26 \times 40$ W+


## R. Boomstra \& W. Spima

In this great composition, a co-production of the gifted duo Roel Boomstra \& Wouter Sipma, white surrounds black's attack, forcing a win by opposition!

$$
1.29-24!3-8
$$

$1 \ldots 6-11$ is met by $2.30-25$ with the strong 24-19 threat.
2.24-19! 14-20
3.30-24! $20 \times 40$
$4.39-3428 \times 30$
$5.19 \times 2822 \times 42$
$6.31 \times 2 \quad 42 \times 31$
$7.2 \times 116 \times 17$ $8.36 \times 27 \mathrm{~W}+$


## J. Spoelstra

White has a Partie Bonnard, although pieces at $<15 \& 20>$ are missing here.

$$
1.50-44!
$$

$1 \ldots 11-17$ (or $12-17$ ) is answered by $2.37-$ $3126 \times 373.38-3237 \times 284.27-22$ etc. $W+$ The only remaining move is $23-28$.

$$
\begin{gathered}
1 \ldots 23-28 \\
2.37-31!26 \times 37 \\
3.27-21 \quad 16 \times 27 \\
4.29-23 \quad 18 \times 49 \\
5.38-3249 \times 15 \\
6.32 \times 3 \quad 25 \times 34 \\
7.3 \times 38!15 \times 42 \\
7.47 \times 38
\end{gathered}
$$



## T. Goedemoed - K.H. Leijenaar

In this position from a blitz game white controls the wings in a classical position in which black has taken a Highland attack. Black went wrong with his last move $12-17$ ? He should have defended his outpost by using the 12 / 18 / 23 tail: 11 - 17! $39-3314-20$ ! =
After the played 0... 12-17 1.39-33 doesn't yield a positive result, because black replies $1 \ldots 14-20$ ! and because $2.25 \times 14$ ? $19 \times 10$ $3.33 \times 24$ fails due to $13-19 \mathrm{~B}+$ white has to take $2.33 \times 2420 \times 29=$.
But white found a way to force a breakthrough helped by an attack at the outpost at <29>.

```
1.27-21! 16 x 27
2.32\times12 18\times7
3.39-33! 19-24
4.35-30! 24 x 35
    5.33 x 24
```

Threatening $24-2045-4043-39$, so black's reply is forced.

$$
5 \ldots 23-286.24-19!
$$

In the game white played $6.24-20$ ? $15 \times 24$ $7.45-4035 \times 448.43-3944 \times 339.38 \times 18$ which leads to no more than a draw.

> 6... ad lib.
> $7.45-4035 \times 44$
> $8.43-3944 \times 33$
> $9.38 \times 9$
$9 \ldots 28-3310.9-433-3911.4-13$ ! The threat $25-20$ forces black to sacrifice a piece by $15-2012.25 \times 14$ and white gets two kings and wins convincingly.

J. Krajenbrink - N. Samb

Ex 6.3 How could white have forced winning a piece (and the game)?

A. Timmer

Ex 6.4 How does white force a winning king shot?


## W. Wesselink - M. de Kruijf

White could have performed an outstanding forcing from this closed Highland attack. It's pretty hard to find the winning continuation. The decisive shot is performed only after three introductory moves...

$$
1.47-41!6-11
$$

$1 \ldots 3-82.41-368-123.22-17!9-14$
$4.17 \times 813 \times 25.35-30!24 \times 356.27-2218$ x $277.28-2227 \times 188.37-3126 \times 289.33$ x 15 W+

$$
\begin{aligned}
& 2.41-363-8 \\
& 3.36-318-12
\end{aligned}
$$

$3 . . .9-144.34-3025 \times 345.39 \times 3020-25$ $6.44-3925 \times 347.39 \times 3023-298.43-39$ $8-12(18-2330-25 \mathrm{~W}+) 9.28-2319 \times 17$ $12.30 \times 1013-19(17-22-28 \& 18-23-$ 28 are losing too) $13.33 \times 2217 \times 2814.32 \times$ $2321 \times 4315.35-3034 \times 2516.10-425-$ $3017.4-2212-1718.22-4430-3419.23$ $-1917-2120.44 \times 621-2721.31 \times 2234-$ $3922.22-1839-4323.6-4443-4924.44$ $-35 W+$.

$$
\begin{gathered}
4.22-17! \\
5.28 \times 8 \\
6.33-29!! \\
6.34 \times 22 \\
7.37 \times 48 \\
8.44-40 \\
\hline-40 \\
9.39-33 \times 28 \\
10.35 \times 4 \\
10
\end{gathered}
$$

The white king is winning back two pieces. A great shot!

A. Tjon a Ong - W. Bor

White performed a beautiful forcing:

$$
\begin{aligned}
& 1.31-26!3-8 \\
& 2.26 \times 1712 \times 21 \\
& 3.37-31!1-7
\end{aligned}
$$

$3 \ldots 21-26$ is met by $4.32-28$ ! \& $5.39-34$
W+

$$
\begin{gathered}
4.31-27!21-26 \\
5.39-33!29 \times 38 \\
6.25-2014 \times 34 \\
7.40 \times 29 \quad 23 \times 34 \\
8.36-3126 \times 28 \\
9.43 \times 1
\end{gathered}
$$


S. Spaans - R. Boomstra

Ex 6.5 White played 37-31? How did black respond?

J. W. Konings

Ex 6.6 White forces a winning shot.


Ex 6.7 How can white force a win?

R. Bubbi - K. Thijssen

Ex 6.8 How did the Italian player force the win?


Ex 6.9 How can white force a win?


Ex 6.10 Show the winning forcing!


Baliakin - Dibman
Ex 6.11 White has a great position. Black's right wing is locked. White has a strong outpost at <24>. Black has a lack of space and can't play anything else but $8-13 \& 14-19$. How does white force a win? Hint: White plays two introductory moves before the shot comes.

M. van Gortel - G. Schoenmakers

A sharp position with a mutual right wing lock has emerged.
Ex 6.12 How could white have forced the win?


Draughts tournament in Thailand

### 1.7 Kings involved

Tactics in the endgame are rarely covered in any course or training in draughts. But why not? It is important to know this type of tactics. Therefore this type of tactics deserves special attention! Kings give many more possibilities for surprising shots, in which the king might take many pieces.

M. Borghetti - A. Schwarzman

White saw that going to king would not be good:
$51.10-5$ is not answered by $51 \ldots 18-23$ ? $52.5 \times 116 \times 17$ because $53.30-2429 \times 20$ $54.25 \times 14$ is a draw. Instead, black replies $51.10-5$ with $49-35$ ! B+
After 51.10-4 black doesn't catch the king playing $13-1952.4 \times 116 \times 17$ because $53.30-24$ is a draw again. $51.10-4$ is met by the shot $51 \ldots 29-33!!52.38 \times 2917-21$ $53.26 \times 1949-4354.4 \times 2216-2155.27 \times$ $1643 \times 26$ B+.

The only way to keep on fighting would have been $51.30-2429 \times 2052.25 \times 14$ but white went wrong by playing:

$$
51.25-20 ?
$$

White should have been alarmed for a shot with his pieces loose on the board.

$$
51 \ldots 29-33!
$$

$52.38 \times 2917-21$
$53.26 \times 1918-22$
$54.27 \times 1849 \times 5$

Don't forget to look for shots in the endgame!


## V. Wirny - D. de Voogd

Wirny, who played a world title match against Wiersma in 1983 (Wiersma kept his title after the match ended in a $20-20$ draw.) finished this game with a shot.

```
55.27-22! 18 x 27
56.47-41 36 x 47
57.7-2 47 x 50
58.2 x 16 50 x 11
59.16 x 7
```


V. Wirny - A. Silva

In this game from the world championship 2011 Wirny has got a winning position after a good game. Now the time has come to finish the game.

### 48.25-20! $14 \times 25$

49.15-10 13-18

All other moves don't give a chance to draw. Now white should have spotted the shot, because after the played $50.34-29$ ? $9-14$ $51.10 \times 1922-28$ the game was drawn soon. White could have won playing the brilliant $50.34-30$ !! $18 \times 2051.10-525 \times 3452.47-$ $4136 \times 4753.5-14$ and no matter how black takes, he will lose. Check this yourself carefully!


## P. Steijlen - S. Fedin

In this complex situation white should use tactics to be able to win. He should also take care for a tactical defence of black.

$$
53.1-12 ?
$$

This move gives black the opportunity to draw the game by playing 53... $14-19$ ! $54.25 \times 23$ $31-3655.29 \times 2036 \times 47(56.33-2847 \times 15$ $57.28 \times 3758.15-10)=$. However, black went wrong with playing:

$$
\begin{gathered}
53 \ldots 41-47 ? \\
54.12-136 \times 47 \\
55.29-23 ?
\end{gathered}
$$

Now $55.44-4035 \times 4456.29-2347 \times 18$ $57.1 \times 2724-2958.27-4!20-2459.4-15$ $14-1960.15-10$ would have been the correct way to win.

$$
\begin{gathered}
55 \ldots 47 \times 18 \\
56.1 \times 4124-29 \\
57.41 \times 10 \\
58.25 \times 143-33-38
\end{gathered}
$$

and the game was drawn.
In the initial position white could have won by playing 53.29 - 23! The most important variations are:

1) $53 . . .31-3654.23-19$ !! $24 \times 13$ (check that the other ways to take also lose) $55.1-29$ $36 \times 4756.29 \times 1547 \times 2057.15 \times 4 \mathrm{~W}+$
2) $53 . .31-3754.23-1837 \times 4655.33-28$ $32 \times 1256.1 \times 5 \mathrm{~W}+$
3) $53 . .24-2954.33 \times 1531-3655.44-39$ $36 \times 4756.25-20!14 \times 2557.39-3347 \times 12$ $58.1 \times 3735-4059.37-28$ and white is in time to win at the trictrac.


## A. Stoljarov - V. Simonov

In the game black played 50... $2-7$ ? and the game ended in a draw. Black should have used tactics to win:

$$
\begin{gathered}
50 \ldots 20-24! \\
51.17-1123-28!!
\end{gathered}
$$

The choice of capture makes it more difficult to spot the combination.

1) $52.33 \times 2235-4053.44 \times 3550 \times 6 B+$
2) $52.32 \times 232-753.11 \times 250-4554.2 \times 30$ $45 \times 25$ B+

B. Derkx - D. de Jong

In this game situation white has to find a way to catch black's king if he goes to <49> or <50>:

$$
\begin{aligned}
& 1.3-25!40-44 \\
& 2.41-3644-49
\end{aligned}
$$

2... $44-503.27-2250 \times 174.32-2817 \times$ $315.36 \times 2711-176.25-48$ ! $17-217.48-$ $4321 \times 328.43 \times 27 \mathrm{~W}+$

$$
\begin{gathered}
3.37-31!26 \times 28 \\
4.25-3949 \times 21 \\
6.43 \times 26 \mathrm{~W}+
\end{gathered}
$$


J. Geisenblas - H. Gerding

Ex 7.1 How did white win the game?


Ex 7.2 A) How did white punish the played 53... 26-31? (O. Bleihker - H. Van Dijk)
B) How does white win after 53... 41 - 47?


White played 39-34? $30 \times 391-6$
Ex. 7.3 How did black win with a coup turc?


Ex. 7.4 The author of this course played a blitz game at the online draughts server Kurnik (http://www.playok.com) and went wrong by playing 49 - 32? How did black punish this error?


Ex 7.5 How can white win surprisingly?

E. van Dusseldorp - J.M. Ndjofang

White has just played $8-2$ ?
Ex 7.6 How did black win?


## F. Andriessen - R. Mooser

Ex 7.7 How did white catch the black king in this game from the Dutch championship 2011?


Ex 7.8 How does white catch both black kings?

L. Sekongo - H. Vermin

Ex 7.9 White has just played 21 - 16 ?
How can black take a winning shot?


## Esselman - H. v. Westerloo

Ex 7.10 Black to move won with a great shot. The black player has issued a draughts magazine called Hoofdlijn since 1988. Show the shot!


## H. Wiersma - D. van Dommelen

Ex 7.11 Harm Wiersma won this game with a shot. Show how!

R. Palmer - B. Eggens

Ex 7.12 Black to move could have won the game (instead of agreeing on a draw...). How?

Some spectacular examples of king shots after which the king can capture many pieces are shown.


## V. Wirny - E. Vatoetin

After white went wrong playing 21 - 16 ? Black performed a devastating shot!

$$
\begin{aligned}
& 1.21-1619-23 \\
& 2.16 \times 2023 \times 32 \\
& 3.38 \times 1829 \times 49 \\
& 4.20 \times 2917-21 \\
& 5.26 \times 1725-30 \\
& 6.35 \times 2449 \times 12
\end{aligned}
$$

Leaving only the victorious black king at the board...

I. Terechko - I. Rybakov

Black to move performed a devastating shot!

$$
1 . . .24-29!
$$

$2.33 \times 1122 \times 44$
$3.11 \times 1344-49$
$4.26 \times 1723-29$
$5.34 \times 2325-30$
$6.35 \times 2449 \times 19$

P. van der Stap - E. van Dusseldorp

A classical position with a piece at $<36>$ which gives extra tactical possibilities...
40.28-22?!

Threatening $32-28$. Black should change back $11-1722 \times 1116 \times 7$ but goes wrong, after which white performs a very surprising combination.

$$
\begin{gathered}
40 \ldots 24-29 ? \\
41.33 \times 24 \\
42.32-28!! \\
423 \times 21 \\
43.39-33!!17 \times 48 \\
44.26 \times 6 \\
48 \times 25 \\
45.35-30 \\
46.6-1 \\
47.1 \times 25 \times 30 \\
47.1 \times 26
\end{gathered}
$$

Black surrendered after 47... 13 - 1948.26 -$4216-2149.42-3821-2650.42-29$.


## H. Elenbaas - A. Mathijsen

Black to move performed a nice king shot.
Both players go to king. You have to take the right temp in order to catch the white king!

Ex 7.13 Show the right way to perform the king shot!

### 1.8 Extra exercises

Playing a game you are never warned that there is a tactical possibility or that you should take care for tactical threats. To be able to recognise tactics in a game it is necessary to know a lot of combinational patterns. Therefore in this last chapter about using tactics as a weapon a series of combinations and forcings are presented. You can try to solve the exercises. C means that you have to look for a (direct) combination, F means there is a forcing. It may be possible you have to use a sacrifice during the forcing.
All exercises are derived from real games, mostly games played during the last 15 years. This is to guarantee that you practice practical combinations. If the exercise turns out to be too difficult you can look at the solution and try to solve the exercises a couple of days later. To get in the mood we first show some nice tactics from recent games.

J.T. Dekker - G. Kolk

White has just taken an outpost at <22>. The creative black player was looking for a forcing to punish this. He saw that an immediate attack by $12-1822-1716-2117-127-$ 11 is punished by $33-29$ !! $24 \times 3136 \times 7 \mathrm{~W}+$. But black can prepare the attack.

$$
\begin{gathered}
36 \ldots 3-8! \\
37.36-3112-18! \\
38.22-17 \quad 7-12!
\end{gathered}
$$

White had seen this coming and thought he would be fine after the next king shot. But black had calculated deeper and saw that the king shot failed!
$39.39-3412 \times 21$
$40.34-2923 \times 34$
$41.28-2319 \times 39$
42.38 - $3339 \times 28$
$43.32 \times 321-27!$ !
$44.3 \times 2116 \times 36$

N. Kuijvenhoven - B. Provoost

Black is being surrounded. He didn't trust his position and tried to simplify the game by playing.
24... 14 - 20?
$25.15 \times 2423-29$
White has got a free move and should search for a shot. You have to be creative to find this non standard combination. White missed his chance and later even lost the game.

```
26.45-40!! 29 x 49
27.42-38 49 x 35
28.24-19!! 35 x 42
29.47 x 38 13 x 24
30.27-21 16 x 27
    31.31 x 2
```

The next game was played during the Mind Games 2008 in Beijing.

R. Boomstra - K. Thijssen

$$
\begin{gathered}
28.37-31 ? 36 \times 27 \\
29.28-22
\end{gathered}
$$

White wants to remove piece 36, just like in the last example. Black could have punished this in a beautiful way:
29... 21 - 26!
$30.22 \times 226-31$
$31.2 \times 303-8$
$32.30 \times 216-21$
$33.2 \times 1621-26$
$34.16 \times 3231-37$
$35.42 \times 3126 \times 48$

A. Getmanski - R. Clerc

White has little space to play left. He has put his hope in the $34-2927-2228-23$ tactics, but black made a terrific calculation to punish this idea!

$$
\text { 34... } 15-20!35.36-31
$$

Check that $34-2923 \times 3427-2218 \times 2732$ x $2116 \times 2728-23$ results in a king at <48> for black.

$$
\begin{gathered}
35 \ldots 11-17 \\
36.34-29 \quad 23 \times 34 \\
37.27-2218 \times 36 \\
38.28-2319 \times 28 \\
39.30 \times 1036-41! \\
40.33 \times 11
\end{gathered}
$$

$40.25 \times 341-4741.33 \times 1147 \times 442.3 \times 17$ $16 \times 739 \times 30$ is punished by $6-11$ !! $43.17 \times$ $67-1244.6 \times 94 \times 25 B+$

## 40... $6 \times 17$

$41.25 \times 341-47$
$42.39 \times 3047 \times 4$
Now white's king can't escape: $43.3-204-9$ ! $44.20 \times 312-1845.3 \times 2116 \times 49 \mathrm{~B}+$. Therefore white sacrificed two pieces by playing $43.37-3126 \times 28$ and lost the endgame.

A. Georgiev - K. Leontiev

White played $1.30-24$ as a snare. Black must have thought that Georgiev overlooked the king shot, but he had prepared a brilliant counter!

$$
1.30-24 ?!14-20 ?
$$

Black couldn't resist the temptation!

$$
\begin{gathered}
2.25 \times 14 \\
3.14 \times 3-9 \\
4.3 \times 32 \\
5.38-32!46 \times 46 \\
6.30-24 \\
7.26 \times 18 \\
\hline .21 \\
8.36-31 \\
9.47-41 \\
27 \times 27 \\
10.43 \times 1
\end{gathered}
$$



Alexander Georgiev


## M. Rentmeester - Valneris

White has just played 47-41? Valneris, one of the best tactical players in the world, forced a win:
15... $24-29!16.33 \times 2422 \times 33$ $17.38 \times 29$
$17.39 \times 28$ is met by $19-2318.28 \times 1910-$ $1419.19 \times 1013-1920.24 \times 2217 \times 46$ $21.26 \times 1746 \times 5$

$$
\text { 17... } 19-23!!18.39-34
$$

Only now the shot comes forward!
18... 13-19
$19.24 \times 2217 \times 46$
$20.29 \times 746-37$
$21.26 \times 1737 \times 1$

P. Sier - A. Scholma

Black forced a win by playing the impossible move:

$$
31 \ldots 18-22!
$$

Black is threatening $12-18 \& 22-27 B+$.
White has only one sensible response: the 32

- 27 shot.
$33.27 \times 2925-30$ !
$34.35 \times 13 \quad 2-8$
$35.13 \times 2226 \times 50$
White resigned after 36.29-23 12-18! 37.23 x $1250-45 B+$.



## A. Tjon a Ong - M. de Koning

White forced a win by playing

$$
36.27-22!
$$

Threatening 22-18 W+. Black can't answer the threat by playing $36 \ldots 12-18$ because of an arch shot with $37.34-30!18 \times 2938.39-$ $3423 \times 4139.34 \times 324 \times 3540.47 \times 36 \mathrm{~W}+$
36... 9 - 14

Parrying the immediate $37.22-1813 \times 22$ $38.28 \times 8$ by $26-3139.37 \times 267-1240.8 \times$ $1723-2941.34 \times 2319 \times 48$. White can give an extra piece however to break through.

$$
\begin{gathered}
37.34-3024 \times 35 \\
38.22-18 \\
39.28 \times 8 \times 22 \\
40.8 \times 17 \\
40-12 \\
41.32-27!21 \times 41 \\
42.47 \times 36
\end{gathered}
$$

## Exercises 8.1-8.88

You can try to solve the exercises. C means there is a direct shot. F means that you can force a win. Sometimes you need a sacrifice to force the win.


C8.4 Black to move


C8.7 Black to move



F 8.11 Black to move



C 8.14 Black to move


F 8.15 Black to move



C 8.17 Black to move


F 8.19 Black to move



F 8.21


C 8.23 Black to move


C 8.24


F 8.25


F 8.26



C 8.29


C 8.30 Black to move


C 8.31 Black to move



C 8.33 Black to move


C 8.34 Black to move


C 8.35 Black to move



C 8.39 Black to move


C 8.40 Black to move


C 8.43 Black to move




C 8.50 Black to move


C 8.52


F 8.55 Black to move


C 8.56 Black to move


F 8.57


F 8.58


F 8.59 Black to move


C 8.60 Black to move


C 8.61



F 8.65


C 8.67 Black to move


C 8.68


C 8.69 Black to move



F 8.74



F 8.84


C 8.87 Black to move


## Solutions

## Lesson 1: Piece are attacked

$1.145-405-1030-2419 \times 3039-3330$ x $2840-3523 \times 3426-2117 \times 3741 \times 23$ $18 \times 2936-3127 \times 3646-4136 \times 4735-$ $3047 \times 3330 \times 1914 \times 2325 \times 5 \mathrm{~W}+$
$1.24 \ldots 14-205.25 \times 2318 \times 296.30 \times 173-$ $87.36 \times 277-128.33 \times 2412 \times 41 B+$
$1.312-1733 \times 1514-2015 \times 2419 \times 3028$ x $82 \times 1335 \times 2413-1924 \times 2217 \times 50 B+$
$1.418-2227 \times 2025 \times 1434 \times 2316-2126$ x $1711 \times 2228 \times 1719 \times 48$ B+
$1.542 .33-2822 \times 3538-3316 \times 2734-30$ $35 \times 2429 \times 7 \mathrm{~W}+$
$1.634-297-1229 \times 2036-4147 \times 3621$ $-2732 \times 2112-1721 \times 2325-3035 \times 24$ $14 \times 2523 \times 149 \times 47 B+$
$1.732-2722 \times 3137-329-1326 \times 3723$ -28 ad lib. $36-41$ ad lib. $41 \times 45$ B+
$1.87-149-21!1 \times 917-221 \times 2721 \times 29$ B+
$1.930-2423 \times 3438-3220 \times 2737-3126$ x $3742 \times 4 \mathrm{~W}+$
$1.1030-2519-2325 \times 522-2833 \times 2218$ x $365 \times 2817-2126 \times 1711 \times 4247 \times 3836$ $\times 47$ B+
$1.1129-2324-2923 \times 520-2434 \times 239$
$-145 \times 3025 \times 3228 \times 3721-2731 \times 2213$
-18 ad lib. $8 \times 50 B+$

## Lesson 2: Weaknesses

$2.118-2329 \times 18(28 \times 1927-323.38 \times 27$ $17-2227 \times 188-13$ ad lib. $3 \times 45$ B+) $17-$ $2126 \times 178-1217 \times 83 \times 4348 \times 3927-31$ B +
$2.234-3035 \times 2433-2814-1927-22$ W+
$2.323-2940-34(26-2124-30 \mathrm{~B}+) 29 \mathrm{x}$ $4035 \times 4424-2933 \times 2419 \times 3025 \times 3422$ $-2832 \times 2318 \times 49 B+$
2.4 33-28 threatening $27-2145-4039-$ $3334 \times 1 / 5 \mathrm{~W}+$
2.5 $27-2117 \times 2622-1711 \times 3334-2923$ x 3443 - 39 ad lib. $49 \times 7 \mathrm{~W}+$
$2.634-3025 \times 2126 \times 1712 \times 2123 \times 3 W+$
$2.732-2823 \times 2143-3926 \times 3730-2420$ x $2948-4237 \times 4839-3448 \times 3025 \times 1$ W+
$2.824-2934 \times 1425-3035 \times 2413-1924$ $\times 2217 \times 48 \mathrm{~B}+$
$2.927-3238 \times 2714-2025 \times 2318 \times 4027$ $\times 724-3045 \times 258-127 \times 1813 \times 44 B+$

## Lesson 3: The track to king

$3.131-2711-1637-3126 \times 2833 \times 2221$ x $3222-1712 \times 2129-2420 \times 2934 \times 1$
3.2 A) The track $12 \times 23 \times 32 \times 43 \times 34 \times 45$ should have alarmed white to take care for a shot.
B) $24-2933 \times 2414-2024 \times 49-144 \times 18$ $12 \times 45$ B+
$3.322-2833 \times 2212-1722 \times 112-711 \times$ $28-122 \times 1914 \times 41 B+$
$3.424-2934 \times 1213-1812 \times 2317-2227$ x $1826-3137 \times 178-12$ ad lib. $2 \times 2228$ x $1719 \times 50 B+$
$3.527-2218 \times 4937-3123 \times 3248-4349$ x $3831-2732 \times 2126 \times 1712 \times 2139-33$ $38 \times 2934 \times 1 \mathrm{~W}+$
$3.638-3227 \times 4725-2015 \times 3348-4247$ x $3843 \times 3 \mathrm{~W}+$
$3.713-1924 \times 1336-4147 \times 2722 \times 3113$ x $2221-2732 \times 2126 \times 4837 \times 2648 \times 37$ B+
$3.824-3025 \times 3423-2934 \times 2318 \times 2933$ x $2414-2024 \times 413-184 \times 2217 \times 50 B+$
$3.922-1711 \times 3338 \times 1813 \times 2239-3330$ x $5042-3850 \times 2832 \times 1 \mathrm{~W}+$

## Lesson 4: The impossible move

$4.115-20!28 \times 1712 \times 4136 \times 4726 \times 3738$ $-3237 \times 2833 \times 15=$
$4.228-2319 \times 2832 \times 23$ and because $20-$ 24? $29 \times 2018 \times 4045 \times 3415 \times 2434-30$ $25 \times 3439 \times 10$ loses for black, white will get a
strong attacking position by $35-3$, while black has little space to play.
$4.313-18$ ! $B+$
$4.428-22!23-2822 \times 1328 \times 3726-21$ (or $27-22 \& 26-21$ ) $19 \times 827-2216 \times 18$ $38-3237 \times 2833 \times 2 \mathrm{~W}+$
$4.539-3425-30^{*} 34 \times 25 \mathrm{~W}+$
$4.628-22!23-29(23-2832 \times 2319 \times 26$ $30 \times 17 \mathrm{~W}+$ ) $21-1712 \times 2127 \times 1618 \times 27$ $32 \times 21$ breaking through.
$4.717-2225-20!22 \times 3126 \times 3723-29$ $33-2818-2337-32 \mathrm{~W}+$
$4.844-407-12(17-2239-3322 \times 3136$ x $2711-1742-3717-2237-31 \mathrm{~W}+$ ) $39-$ $3324-29(24-3034 \times 2523-2933 \times 2217$ x $4840-34 \mathrm{~W}+; 17-2232-2823 \times 2126 x$ $8 \mathrm{~W}+) 33 \times 2217 \times 4836-3148 \times 2540-34$ $25 \times 2126 \times 616-216-121-261 \times 2926$ $\times 3729-47 \mathrm{~W}+$.
$4.938-3231-3632-2722 \times 3142-3831$ $\times 3339 \times 17 \mathrm{~W}+$
$4.1031-26!12-17(3-826 \times 1711 \times 4427$ $-2218 \times 2732 \times 2116 \times 2743-3944 \times 33$ $38 \times 7 \mathrm{~W}+) 39-33$ with a winning right wing lock for white.
$4.1132-28$ ! $23 \times 3238 \times 27$ and black can't stop the $27-21 \mathrm{~W}+1$ threat, with $17-22$ (2923) or $17-2126 \times 1712 \times 3229-24 \mathrm{~W}+$.
$4.1225-2022 \times 3126 \times 3723-2933-28$ 18-23 37-32 W+

## Lesson 5: The sacrifice

$5.126-2117 \times 2639-3311-1733 \times 2419$ x $3928 \times 812 \times 338-3339 \times 2832 \times 1 \mathrm{~W}+$
$5.239-3424-29(21-2638-3317-21$ $28-22 \mathrm{~W}+) 36-31$ ! $29 \times 4035 \times 4425 \times 34$ $31-26(23-2928-22) W+$
$5.327-2218 \times 2739-3412-1834-298$ $-1329 \times 913 \times 438-3227 \times 2930-24$ ad lib. $25 \times 1 \mathrm{~W}+$
$5.438-3229-3339 \times 2811-1643-39$ ! $37-3123 \times 3239-3347 \times 2934 \times 3 W+$
5.5 43-39 12-17 $28-22!17 \times 2838-33$ ( $26-3137 \times 1728 \times 3739-34$ ) $\mathrm{W}+$
5.6 43.37-31 26x28 44.33x4 24x33 45.39x28 8-13 46.4×16 2-7 47.16x24 20×38 B+
$5.728-2319 \times 2833 \times 116 \times 1729-23$ and at the next move $23-1914 \times 23$ and piece 30 breaks through.
$5.834-2910-1529 \times 2015 \times 2439-344$ $-1034-2910-1529 \times 2015 \times 2433-29$ $24 \times 3338 \times 2919-2332-2823 \times 4136 \times$ 47 etc. W+
$5.937-3126 \times 2836-31$ and black has no good reply to the $31-27$ threat.
$5.1032-2722 \times 3134-3013-1940-34$ $29 \times 4035 \times 4424 \times 3544-4035 \times 4443-$ $3944 \times 3342-3731 \times 4247 \times 719-237-$ $123-281-2928-3229-4214-1942-$ 1519-2315-2023-2820-42 W+

## Lesson 6: Forcing

$6.136-319-1435-3014-2030-2520$ $-2431-2723-2925-20$ ! $29 \times 3832 \times 43$ $21 \times 2320 \times 1819-2318 \times 2916-2143-$ $3821-2729-2317-2126 \times 1727-3117$ - $1231-3612-736-417-2!W+$
$6.230-2423-2847-4136 \times 4725-2047$ x $3320-1533 \times 2015 \times 3315 \times 2126 \times 17$ W+
$6.328-2218-2322-1823 \times 1239-3419$ $-2333-28$ (or $34-30 W+$ ) W+
$6.440-3430-3548-427-12(14-2027$ $-22 \times 22+) 33-2924 \times 2234-2923 \times 34$ $39 \times 3035 \times 2432-2822 \times 3338 \times 913 \times 4$ $27-2116 \times 2731 \times 2 \mathrm{~W}+$
$6.537-3114-2025 \times 149 \times 2030-2523$ $-2825 \times 3428 \times 46 B+$
$6.631-2711-16(21-2633-29 W+) 32-$ 28 ad lib. $33-29$ ad lib. $29-2419 \times 3034 \times$ $2543 \times 3425-2015 \times 2442-3832 \times 4348$ x 6 W+
$6.733-2913-18(35-4029 \times 940 \times 4938$ $-333 \times 1432-2849 \times 2128-2319 \times 2833$ x $2217 \times 2826 \times 19 \mathrm{~W}+$
$6.836-31!12-1834-2923 \times 3427-21$ $26 \times 3938-3339 \times 2832 \times 1 \mathrm{~W}+$
$6.934-3035-40(13-1927-2117 \times 26$ $32-2823 \times 4136 \times 4726 \times 3738-3237 \times$ $2833 \times 15 \mathrm{~W}+; 23-2930 \times 1913 \times 2433-$ $28 \mathrm{~W}+1) 30 \times 2840 \times 4945-4049 \times 3528-$
$2318 \times 2933 \times 2435 \times 1927-2217 \times 2832$ x $5 \mathrm{~W}+$
$6.1035-3021-2622-1712 \times 2142-37$ $18-2330-2419 \times 3028 \times 830-348-2$ $35-4037-3126 \times 282-3521 \times 3235 \times 27$ 28-33 27-43W+
$6.1137-318-1333-2814-19(17-22$ $26 \times 1722 \times 3317-1218 \times 724-2015 \times 24$ $32-2833 \times 2227 \times 29 \mathrm{~W}+; 14-2042-37$ $20 \times 2928-23$ etc. $W+$ ) $42-3719 \times 3028-$ $2318 \times 2927-2217 \times 2832 \times 3430 \times 4826$ x $1711 \times 2231-2648 \times 3136 \times 9 W+$
$6.1228-2217 \times 2833 \times 2212-17(11-17$ x $1727-2217 \times 2826 \times 1712 \times 2134-29$ etc. $W+$ ) $47-4117 \times 2826 \times 1711 \times 2234-$ 29 etc. W+

## Lesson 7: Kings involved

$7.134-2947 \times 2035-3025 \times 4349 \times 25$ W+
7.2 A) $25-2014 \times 2535-3025 \times 3432-28$ $23 \times 3224-2015 \times 242 \times 47 \mathrm{~W}+$
B) $32-2823 \times 3225-2014 \times 2535-30 \mathrm{ad}$ lib. $2-8$ ad lib. $8 \times 9$ W+
$7.339-3430 \times 391-64-106 \times 5029-33$ $50 \times 2923 \times 45$ B+
$7.413-2735 \times 3136 \times 38 \mathrm{~B}+$
$7.545-123 \times 2619-3726 \times 2025 \times 3 W+$
$7.620-242 \times 3014-2025 \times 1417-2226$ x $2844-5026 \times 1750 \times 9 B+$
$7.79-443 \times 2128-2319 \times 2847-4136 \times$ $474-1547 \times 2015 \times 1721 \times 123 \times 17 \mathrm{~W}+$
$7.822-1812 \times 2332-2823 \times 3236-1335$ x $82 \times 3748 \times 3126 \times 37 W+$
$7.92-816 \times 7(1 \times 408-123.16 \times 1825-$ $304.35 \times 2432-375.31 \times 4248 \times 49 B+) 25$ $-3035 \times 248-127 \times 1832-3731 \times 4248 \times$ $351 \times 4035 \times 49 B+$
$7.1026-3137 \times 2614-1924 \times 1116 \times 726$ x $845-5025 \times 1450 \times 48$ B+
$7.1133-2831 \times 4224-2015 \times 226-118$ x $291 \times 47 \mathrm{~W}+$
$7.1224-3012 \times 3(25 \times 3444-5012 \times 350$ x $253 \times 2025 \times 38 B+) 44-503 \times 2050 \times 48$ $25 \times 3448 \times 38 \mathrm{~B}+$ )
$7.1318-2228 \times 1724-3035 \times 1110-14$ ! $17 \times 86 \times 508-214-192 \times 1523-2915 \times$ $3350 \times 28 B+$

## Lesson 8: Extra exercises

8.1 A. Kooistra - V. Kudriavcev $34-2923$ x $3440 \times 2015 \times 2435-3024 \times 3527-2116$ x $2928-228 \times 2737-3227 \times 3842 \times 4 W+$
8.2 H. Jansen - O. Mol $40-3429 \times 4035 \times$ $4424 \times 3525-2014 \times 2533-2923 \times 3427$ $-2217 \times 2826-2116 \times 2738-3227 \times 38$ $43 \times 3 \mathrm{~W}+$
8.3 J. Cremers - W. Ankersmit $18-2227 \times 29$ $21-2732 \times 1220-2529 \times 2015 \times 41$ B+
8.4 E. Heslinga - O. Dijkstra $24-2933 \times 24$ $14-2025 \times 1419 \times 1028 \times 815-2024 \times 41$ $-64 \times 2217 \times 468 \times 1711 \times 3126 \times 3746 \times$ 44 (Grand Prix Shot)
8.5 H. Jansen - H. Van der Zee $27-2218$ x $2733-2924 \times 3130-24 \mathrm{~W}+$
8.6 F. Tiemensma - L. Springer $26-2117$ x $2637-3126 \times 3727-2116 \times 2735-3024$ x $4433 \times 4244 \times 3338 \times 16 W+$
8.7 I. Koeperman - M. Deslauriers $26-3137$ x $2614-2025 \times 1419 \times 1028 \times 3018-22$ $27 \times 910-149 \times 2015 \times 42 B+$
8.8 B. Terwel - E. Autar $27-2218 \times 2738-$ $3327 \times 2948-4323 \times 3234 \times 1717 \times 826 \times$ $1711 \times 2235-3024 \times 3342-3833 \times 4247$ x 9 W+
8.9 J. Daems - A. Schotanus $21-2731 \times 22$ $24-2933 \times 2426-3137 \times 2616-2126 \times$ $178-1217 \times 813 \times 224 \times 138 \times 47 B+$
8.10 A. Schotanus - M. Knipper 28 - 2319 x $4839-3448 \times 3025 \times 1 \mathrm{~W}+$
8.11 V. Wigman - A. Gantwarg $24-2933$ x 1512-18B+
8.12 B. Zwart - H. Hoekman $37-3126 \times 37$ $47-4137 \times 4639-3446 \times 2327-2218 \times$ $2729 \times 2015 \times 2438-3227 \times 2934 \times 5 \mathrm{~W}+$
8.13 J. van Dijk - C. Groen $33-2824-29$ (13-1928-2217×2827-2116×3842x $15 \mathrm{~W}+) 28 \times 1929 \times 4032-2813 \times 2428-$ $2217 \times 2827-2116 \times 2737-32$ ad lib. $42 \times$ 15 W+
8.14 B. Land - S. Kramer 19 - $2428 \times 1913$ $1822 \times 1324-2934 \times 2330-3439 \times 3035$ x $2419 \times 308 \times 48 \mathrm{~B}+$
8.15 Sijbrands - T. Goedemoed $23-2942$ -$3729-3430 \times 3924-3035 \times 2419 \times 3025$ x $3413-1822 \times 1314-1913 \times 2420 \times 49$ B+
8.16 T. Kooistra - A. Schotanus $27-2218 \mathrm{x}$ $2738-3327 \times 2925-2023 \times 4120 \times 71 \times$ $1234 \times 14 \mathrm{~W}+$
8.17 Valeev - A. Shaibakov $21-2731 \times 2224$ $-2933 \times 2419 \times 3028 \times 1015 \times 435 \times 2413$ $-1924 \times 116 \times 46$ B+
8.18 W. Warlamov - A. Getmanski $28-2319$ x $39230 \times 104 \times 1527-2117 \times 2636-31$ $26 \times 3738-3237 \times 2840-34$ ad lib. $35 \times 4$ W+
8.19 A. Scholma - Z. Golubeva 23 - 2934 x $2324-3025 \times 3413-18$ B+
8.20 R. Heusdens - H. Jansen $27-2126 \times 17$ $(23 \times 3445 \times 3426 \times 1728-2217 \times 2834-$ $29 \mathrm{~W}+$ ) $32-27(23 \times 4134 \times 141-4647-$ 41) W+
8.21 G. Valneris - G. Zalitis 43-39 3-9 28$2217 \times 2833 \times 139 \times 1837-3126 \times 2838-$ $3321 \times 3233 \times 1319 \times 830 \times 37 \mathrm{~W}+$
8.22 P. van der Laan - P. Mostert $28-2318 x$ $2937-3126 \times 2833 \times 2217 \times 2839-3328$ x $3943 \times 5 \mathrm{~W}+$
8.23 M. Kolsloot - J. Lewkowicz (missed) 20 24 ad lib. $17-22$ ad lib. $18-2227 \times 1816$ $2126 \times 1711 \times 44$ B+
8.24 H. Jansen - Watoetin $31-2728 \times 3747$ $-4237 \times 4830-2448 \times 1927-2123 \times 34$ $21 \times 5 \mathrm{~W}+$
8.25 Goedemoed - K.H. Leijenaar $32-2723$ $-2827 \times 1828 \times 3025 \times 3413 \times 2237-32$ $26 \times 2838-3328 \times 3035 \times 4 \mathrm{~W}+$
8.26 F. Andriessen - Watoetin 33-29 and black sacrificed a piece (23-28), for $12-18$ is met by $26-2117 \times 3727-2218 \times 2729 x$ $1813 \times 2248-4237 \times 3035 \times 4 \mathrm{~W}+$
8.27 M. De Jonge - W. Vlooswijk (missed) 33 $-2924 \times 4437-3126 \times 2838-3328 \times 30$ $35 \times 421 \times 3243-3944 \times 3342-38$ ad lib. $48 \times 10 \mathrm{~W}+$
8.28 R. Groot - H. Van Hierden (missed) 29 $2420 \times 2937-3126 \times 3746-4137 \times 4630$ $-2446 \times 3025 \times 1$ W+
8.29 T. Tanchikuzjina - E. Wanders (missed) $27-2218 \times 2728-2217 \times 3040-3424 \times$ $3134 \times 327 \times 383 \times 8 \mathrm{~W}+$
8.30 W. Leijenaar - S. Nagel (missed) $22-28$ $33 \times 2223-2832 \times 513-1922 \times 212-17$ $5 \times 116 \times 462 \times 3025 \times 21 B+$
$8.3122-2833 \times 2219-2330 \times 1723-29$ $34 \times 2316-2117 \times 2625-3035 \times 2420 \times$ 49 B+
8.32 A. Schotanus - S. Reekers $24-3035 \times$ $2422-2732 \times 217-1116 \times 712 \times 121 \times 14$ $10 \times 50$ B+
8.33 H. Clasquin - R. Boomstra $19-2430 x$ $2825-3035 \times 24$ (game: $35 \times 2417-22$ $B+1) 17-2228 \times 1712 \times 4349 \times 3818-23$ $29 \times 1820 \times 49 B+$
8.34 B. Derkx - I. Kanafeev $25-3034 \times 2519$ $-2328 \times 1914 \times 3425 \times 534-3943 \times 344-$ $105 \times 2116 \times 49$ B+
8.35 B. Land - F. Tiemensma $21-2732 \times 21$ $17-2228 \times 1713-1924 \times 228-1317 \times 19$ $14 \times 4147 \times 3626 \times 50 B+$
8.36 C. Koene - J.T. Dekker (missed) $26-21$ $17 \times 2636-3126 \times 2829-2318 \times 3843 \times 5$ W+
8.37 A. Bakker - A. Baljakin $17-2228 \times 17$ $12 \times 2123 \times 313-1826 \times 1727-3136 \times 27$ $18-2329 \times 1820 \times 493 \times 2049 \times 4348 \times 39$ $15 \times 24$ B+
8.38 A. Baljakin - A.Ratz $25-2014 \times 3442-$ $3828 \times 3938-3339 \times 2837-3126 \times 3741$ x $3 \mathrm{~W}+$
8.39 J. v.d. Akker - K. Thijssen $25-3034 \mathrm{x}$ $143-914 \times 318-2227 \times 99-139 \times 1812$ x $453 \times 2116 \times 40 B+$
8.40 A. Shaibakov - M. van IJzendoorn 17 $2126 \times 1711 \times 3337 \times 2612-1723 \times 2114$ $-1939 \times 2819 \times 37 B+$
8.41 S. Beugelink - D. van Schaik $17-2228 x$ $1726-3137 \times 267-1117 \times 614-1926 \times$ $1719 \times 50 B+$
8.42 R. Clerc - J. van der Wal $25-2015 \times 35$ $34-3035 \times 2429 \times 913 \times 426-2127 \times 16$ $31-2722 \times 3133 \times 2 W+$
8.43 W. v.d. Wijk - O. Kamysleeva (missed) 17 $-2126 \times 2823 \times 4125 \times 2341-4731 \times 22$ $24-2933 \times 2447 \times 27 B+$
8.44 F. Laporta - D. de Jong $25-3034 \times 14$ $10 \times 3028 \times 1730-3439 \times 3021-2731 \times$ $2212 \times 2123 \times 128 \times 50 B+$
8.45 Z. Golubeva - N. Jankovskaja $30-2423$ x $3436-3127 \times 3637-3136 \times 2743-39$ $34 \times 3224-2015 \times 2433-2924 \times 3342-$ 38 ad lib. $48 \times 10 \mathrm{~W}+$
8.46 Z. Golubeva - K. Rimsha $30-2429 \times 20$ $37-3136 \times 3843 \times 3228 \times 3748-4237 \times$ $4839-3448 \times 3035 \times 4 \mathrm{~W}+$
8.47 P. Meurs - P. Wijninga $23-1914 \times 45$ $24-2015 \times 2444-4045 \times 3439 \times 6 \mathrm{~W}+$
8.48 W. Chogoliev - I. Kostionov $26-2117$ x $2628 \times 1712 \times 2136-3126 \times 4629-2346$ x $3035 \times 2420 \times 2934 \times 1 \mathrm{~W}+$
8.49 G. Valneris - A. Ivanov $30-2419 \times 30$ $28 \times 1913 \times 2433-2824 \times 3135 \times 2420 \times$ $2934 \times 1 \mathrm{~W}+$
8.50 D. Spieker - B. Terwel $14-1918 \times 98$ $139 \times 1826-3137 \times 2619-2328 \times 1917 \times$ $3726 \times 67-116 \times 1720-24$ ad lib. $25 \times 45$ B+
8.51 A. Schwarzman - A. Chizhov 39-33 28 $\times 3943 \times 34$ (threatening $38-3248-4229-$ $2425 \times 5) 10-1431-2622-2826 \times 17$ W+1
8.52 G. Valneris - H. Wiersma $29-2420 \times 29$ $30-2429 \times 2026-2117 \times 2637-3126 \times$ $4839-3348 \times 3035 \times 2 \mathrm{~W}+$
8.53 T. Sijbrands - J.M. Ndjofang 32-27 12-$1839-3328 \times 3937-3226 \times 2849-4422$ x 3144 x $4 \mathrm{~W}+$
8.54 E. Wanders - A.Baljakin $27-3238 \times 27$ $17-2128 \times 1721 \times 3237 \times 2812 \times 2126 \times$ $1711 \times 2228 \times 178-1217 \times 824-2934 \times$ $1213-1812 \times 2319 \times 468-314-19 B+$
8.55 W. van der Wijk - N. Samb 18 - 2337 -$3223-2932 \times 2129-3439 \times 3012-1821$ x $234-1028 \times 1719 \times 50 B+$
8.56 I. Rybakov - R. Clerc $15-2028 \times 199$ $1424 \times 1513 \times 3339 \times 2814-2015 \times 2421$ $-2731 \times 138 \times 50 B+$
8.57 J. Lemmen - B. Messemaker (missed) 29 $-2319-24(13-1825-2048-4341-37$ $43 \times 33 \times 33 \mathrm{~W}+2) 36-3127 \times 4725-2047$ x $1820 \times 2918 \times 4349 \times 7 \mathrm{~W}+$
8.58 W. Sipma - T. Van den Broek $29-24$ (threatening $24-2034-2939 \times 10 ; 23-29$ $34 \times 2318 \times 20$ is met by $31-27 \mathrm{~W}+; 14-19$ $38-32$ \& $31-27 \mathrm{~W}+$ ) $23-2825-2014 \times 25$ $24-1913 \times 2431-27 \mathrm{~W}+$
8.59 W. Kaplan - Mamina N'Diaye 13 - 18 (threatening $17-22 \& 27-32$ ) $37-3217-$ $2130-24$ (game: $23-1920-24 \mathrm{~B}+1$ ) $12-$ $1723 \times 121-712 \times 117-2228 \times 1721 \times 12$ $1 \times 2126 \times 19 B+$
$8.6013-1823 \times 1226-3136 \times 1821-26$ $12 \times 2116 \times 47 B+$
8.61 M. Koopmanschap - S. Wijker (missed) $26-2116 \times 2736-3127 \times 4729-2347 \times$ $4423 \times 344 \times 333 \times 19 \mathrm{~W}+$
8.62 V. Wirny - T. Miksa $34-2923 \times 2538-$ $3227 \times 2939-33$ ad lib. $43 \times 3$ W+
8.63 A. Presman - O. Verdel $30-2426 \times 48$ $24-2015 \times 2438-3227 \times 2939-3448 \times$ $3025 \times 3 \mathrm{~W}+$
8.64 A. Scholma - P. Oudshoorn $26-2117 x$ $3725-2014 \times 2534-3025 \times 3415-104 \times$ $1524-2015 \times 2443-3832 \times 4348 \times 1722$ x $1141 \times 1 \mathrm{~W}+$
8.65 B. Stegeman - E. Dusamos $37-3211$ $1632 \times 2116 \times 2726-2117 \times 4628 \times 1712$ $\times 2138-3227 \times 2934 \times 125 \times 3440 \times 2924$ x $3339 \times 2846 \times 231 \times 15 \mathrm{~W}+$
$8.66 \mathrm{~J} . \mathrm{Kos}-\mathrm{J} . \mathrm{Krajenbrink}$ (missed) $28-23$ $19 \times 2837-3228 \times 4638-3246 \times 3039 \times$ $1913 \times 2433-2822 \times 3331 \times 4 \mathrm{~W}+$
8.67 A. van Leeuwen - L. de Rooij $25-3034$ x $2514-2025 \times 2322-2833 \times 2216-21$ $27 \times 712 \times 123 \times 128 \times 48$ B+
8.68 Kamysleeva - Wanders $37-3126 \times 48$ $32-2721 \times 2329 \times 1813 \times 2233-2924 \times$ $4243-3842 \times 3339 \times 648 \times 3035 \times 2$ W+
8.69 G. Valneris - N. Samb (missed) $24-30$ $35 \times 2413-1924 \times 425-3031 \times 2230-34$ $39 \times 3020-2429 \times 20$ ( $30 \times 198-13$ etc.)
$15 \times 354 \times 155-1015 \times 48-134 \times 1812 \times$ $3238 \times 2717 \times 46$ B+
8.70 A. Baljakin - Truus $18-2329 \times 921-27$ $31 \times 2225-3034 \times 258-139 \times 1812 \times 34$ $40 \times 2924-3035 \times 132-813 \times 116 \times 50$ B+
8.71 N. Hoekman - N. Sadowska $40-3525$ x $3445-4034 \times 4533-2923 \times 3432-2822$ x $3338 \times 4045 \times 3427-2116 \times 2731 \times 2$ W+
8.72 J. Lemmen - P. Sterrenburg $27-2117 \mathrm{x}$ $3738-3237 \times 2829-2318 \times 2939-33$ ad lib. $43 \times 5 \mathrm{~W}+$
8.73 Baba Sy - A. de Descallar 36-31 26 x $3040-3424 \times 4234 \times 5 \mathrm{~W}+$
8.74 T. Goedemoed - H. Veenstra $34-303-8$ $30 \times 1913 \times 2429-2318 \times 2928-2329 \times$ $1837-3126 \times 3738-3237 \times 2833 \times 4 W+$
8.75 M. Seck - P. Meurs $27-2218 \times 3842 \times$ $3323 \times 3247-4136 \times 4739-3447 \times 2934$ x $3 \mathrm{~W}+$
8.76 B. De Vos - N. Lughthart $47-4136 \times 47$ $42-3747 \times 5032-2822 \times 3330-2420 x$ $2949-4450 \times 3943 \times 1 \mathrm{~W}+$
8.77 A. Gantwarg - A. Tsjizjow $32-2722 \times 31$ $25-2014 \times 3444-3934 \times 3242-3731 \times$ $4248 \times 6 \mathrm{~W}+$
8.78 J. Hendriksen - M. Palmer (missed) 47 $4236 \times 4726-2117 \times 2637-3136 \times 2833$ $\times 2218 \times 2729 \times 2015 \times 2438-3347 \times 29$ $34 \times 5$
8.79 F. Tholel - F. Fennema $32-27$ (34-29? $45 \times 2328 \times 821-2732 \times 2122-2721 \times 32$ $4-915 \times 1312-1813 \times 2217 \times 488-211$ $-16 B+) 21 \times 2333-2822 \times 4243-3842 x$ $3326-2117 \times 2634-3045 \times 3430 \times 6 W+$
8.80 J. Groeneveld - K.H. Leijenaar $24-2933$ $\times 2419 \times 3035 \times 24(25 \times 347-1216 \times 723$ $-2832 \times 2318 \times 497 \times 1813 \times 31 B+) 13-$ $1924 \times 415-204 \times 2217 \times 48$ B+
8.81 F. Stuger - R. Heusdens (missed) $30-$ $2420 \times 2747-4136 \times 3843 \times 123 \times 321 \times$ 46 W+
8.82 J. Stokkel - J. Van der Borst $25-2014$ x $2533-2924 \times 3342-3833 \times 4247 \times 3836$ x $4727-2247 \times 4022 \times 425 \times 3435 \times 44$ W+
8.83 F. Tiemensma - A. Kooistra $34-2924$ x $3126 \times 3725 \times 3440 \times 2923 \times 3437-3136$ x $2732 \times 25 \mathrm{~W}+$
8.84 A. Presman - A. Schwarzman $25-2024$ $-3034 \times 2515 \times 2447-4138-3247 \times 29$ $28-2218 \times 4950-4449 \times 4045 \times 5 \mathrm{~W}+$
8.85 J. De Boer - N. Waterink $22-2832 \times 23$ $19 \times 2833 \times 2224 \times 3339 \times 2825-3035 \times$ $1514-2015 \times 2413-1822 \times 138 \times 50 B+$
8.86 Y. Tsjertok - W. Chogoliev 18 - 2329 x $1812 \times 3237 \times 2824-2933 \times 1516-2126$ x $1711 \times 3339 \times 2814-2015 \times 2419 \times 48$ B+
8.87 C. Van Dusseldorp - M. Koopmanschap $34-4045 \times 2324-2923 \times 3415-2025 \times$ 143 x
22 B+
8.88 H. Meijer - G. Jansen $34-3035 \times 2437$ $-3126 \times 3747-4137 \times 467-146 \times 231 \times$ 49 W+

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