# Boost Your Chess 3 

Mastery

## By

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Quality Chess
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## Preface

It was a pleasure to have Artur Yusupov working as my second, both personally and professionally. It is therefore an honour for me to write the preface to this series of books.

This book was created by expanding and improving the original online lessons from the Chess Tigers University. As an honorary member of the Chess Tigers, it has given me great pleasure to see this logical follow-up take concrete form and meet the twin challenges of being both a valuable textbook and a bedside book.

It was in 1994 that I met Artur Yusupov in the semi-finals of the Candidates' cycle in Wijk aan Zee. I managed to come out ahead by $4.5-2.5$, but I recognized that Artur harboured great potential, both in his chess knowledge and extensive match experience.

Artur's systematic and professional approach to analysing games was the decisive factor in having him as my second in the World Championship Finals in New York 1995 and Lausanne 1998. His mastery of the methods of the Russian chess school was very helpful in the preparation for the matches, as well as during the matches themselves. It was his idea that I should play the Trompovsky in the last game in Lausanne. I was 3-2 down, but was able to level the match at 3-3 and thus force a play-off.

I am still very grateful for everything that Artur did for me.
Artur's vast experience as a trainer convinced him that there is a considerable need for better tuition for amateurs. Matching the level to the needs of the student is perhaps not too difficult, but the masterstroke is structuring the information in such a way that makes it immediately useful for amateurs. I am naturally enthusiastic about the rich variety of material in this series, which can help beginners become top amateurs.

I wish Artur Yusupov all the best with the publication of this series of books. Making this work available in English means that even more people who are keen to learn can enjoy it to the full.

World Champion, Viswanathan Anand


## Contents

$\checkmark$ The correct psychological attitude
$\checkmark$ Technique

- Do not allow any counterplay
- Do not hurry
- The principle of two weaknesses
- Making the correct exchanges


## Realizing an advantage

In this chapter we shall deal with the most important principles for realizing an advantage. (See also Boost Your Chess 2, Chapter 20.)

## The correct psychological attitude

If we have an advantage, we must raise our level of concentration. If we can solve the next problems to arise, then the game may come to a quick end and we will not have to make any further effort!

## Technique

## 1) Do not allow any counterplay

The most important principle! You can often (but unfortunately not always) control the game when you have a better position and deprive your opponent of his final chances of becoming active. When you have the better position you don't want to allow him any counterplay.

## 2) Do not hurry

This principle comes into play when the opponent has no counterplay left. The first thing to do is to improve your position as much as possible (or to make your opponent's position worse) and only then turn to making active changes in the position.

If your opponent does have some ideas to improve his position, or if by chance you see an opportunity, then you have to hurry!

## 3) The principle of two weaknesses

This is an important strategic concept. If your opponent has one weakness, then normally he will be able to protect it sufficiently well. But you can break down his defence by provoking a fresh weakness, as far away as possible from the first one. You then attack the two weaknesses turn about and the attacking side's superior lines of communication will play a decisive role.
4) Capablanca's principle - the correct exchanges You should retain only those pieces (or pawns!)
which you require to win the game！You should try to swap off any superfluous pieces．A perfectly played positional game is finished off with a won ending．

There is a rule of thumb：the side with the advantage in material strives to exchange pieces，the side which is behind tries to swap off pawns！

The following examples will illustrate these principles of technique．

## A．Yusupov－L．Christiansen

Las Palmas 1993
1．d4 d6 $2 . \mathrm{e} 4$ 乌f6 3．f3 e5 4．dxe5
After the exchange of queens White obtains a small， but safe，advantage．

This exchange damages the pawn structure． 6．．．置e8！？would be better，or even 6．．．${ }^{\text {B }}$ e7！？preparing ．．．思e6（Rivas）．
7．思xe6 fxe6
Diagram 2－1

## 8． Q $^{2} 3$ ！？$\pm$

The first goal is to attack the weakness on e5．For that reason，the white knight wants to go to d 3 ．

## 

This exchange is also good for White，because his dark－squared bishop will be slightly stronger than the opposing knight．

$$
10 . . .0 \mathrm{c} 6
$$

10．．． Q $^{\text {bd } 7!? ~}$

## 11．思e3 古e7

## Diagram 2－2

## 12． On $^{3}$ ！？

White retains various options for the knight：b5，c4 or（after c2－c3）the c2－square．

## 12．．．a6 13．c3 癸hd8

The more active 13．．．马ag8！？！（ $\Delta$ ．．．g5）might be a better attempt to create some worries for White．

## 14．置e2 h6？

Black is just weakening his position with pawn moves．

If $14 \ldots \mathrm{~b} 5$ ，then $15 .{ }^{\circ} \mathrm{c} 2 \pm$ ．
15．${ }^{\circ} \mathrm{c} 2$ 癸d7

Diagram 2－1


Diagram 2－2


Diagram 2－3


Diagram 2－4


Diagram 2－5


## Diagram 2－3

The main problem in the position is the question of exchanging．What shall we do with the open file： should we exchange all the rooks on it，should we avoid exchanges or should we exchange only one pair of rooks？

## 16．骂hd1

The correct answer is to exchange one pair of rooks， in order to reduce any possible counterplay．White needs to keep one rook to prepare his own active operations．

## 16．．．骂ad8

 correct．
17．${ }^{2} \times \mathrm{xd} 7 \dagger^{\text {品xd7 }}$

## 17．．． Q $^{x d 7}$ ！？

## 18．$)^{2} \mathrm{e} 1$ ！

White regroups his pieces in order to attack the e5－pawn．In doing so，White wants to tie the black knight down on c6，where it is not so well placed and where it can later become a target（after b4，a4 and b4－b5）．
18．．．${ }^{\text {D }} 8$


Diagram 2－4
20．菟f2！
The position of the bishop is also improved；it goes to g 3 ，to exert even more pressure on e5．

## 20．．．b6？！

Black wants to protect the c 5 －square，but once more he weakens his own position with the pawn move．

## 21．悤 3 （ 7

Better is $21 \ldots$ ．．徳f6．

## 22．a4 a5

White needs a second weakness to attack．It now makes sense to play on the queenside．

## Diagram 2－5

## 23．${ }^{\text {nen }}$ c1！

Intending b2－b4．Before undertaking any active operations，White first improves his position as much as possible．After 24.64 the rook will be very well placed here．
The over－hasty 23．b4？gives the opponent counterplay：23．．．axb4 24．cxb4 ${ }^{\text {Q }} \mathrm{d} 4 \dagger$

## 23．．．高f6 24．b4 管d8

$24 . . . \operatorname{axb} 425 . \mathrm{cxb} 4 \mathrm{~d} 4 \dagger$ is no longer dangerous； after 26．起e3 c6 27．a5 White is clearly better．For


25．b5 2 e7

## Diagram 2－6

## 26．宽f2！

Preparing c4－c5．Once more White must pay attention．The immediate $26 . c 4$ allows counter－ chances after 26．．．c5！27．bxc6 ©xc6．

## 26．．．＂̆b8

After 26．．．쓸c8 White continues 27．c4 c5 28．bxc6
 $32.0 \mathrm{~b} 7+-$ and Black cannot protect the a5－pawn often enough．
$27 . c 4$ c5
Diagram 2－7

## 28．${ }^{\text {O } x c 5 ? ~}$

The sacrifice on c 5 is very tempting．Unfortunately White spotted his opponent＇s defensive idea too late and gave up the wrong piece． 28 ． $\mathrm{B}_{\mathrm{B}} \mathrm{xc} 5$ ！would have been even better：28．．．bxc5 $29.0 \times 1$ xc5＋
28．．．bxc5 29．宽xc5 0 d8！？
 $31 . c 5+-$

29．．． m b7 is simply met by 30 ．葸a $3 \pm$ ．

## 

It was only here that I understood that Black wants to return the piece．31．c5？！is answered by $31 . . . \sum^{\circ} \mathrm{ec} 6^{\infty}$ ， and the white bishop on d6 finds itself offside．
31．．． Q $^{\text {dc6！}}$ 32．bxc6 0 xc6 33．思c5
Now the bishop can join the play again．But the mistake on move 28 has given Black good defensive chances．

## 

Black misses his chance． $35 \ldots . \mathrm{d}^{2} \dagger$ ！？is correct：

36． 思b $^{2} \mathrm{~g} 6$

## Diagram 2－8


White calculated a long variation and decided to force matters．His passed pawns will be too dangerous．After the technical 37．g3！？Black could still reply 37 ．．．吸b4．


Diagram 2－7 $\triangle$


Diagram 2－8



Diagram 2－10



 ©xa4 45．思b6！＋－and White forces a won pawn ending．
$43 . c 6$ 罒e844．c7 品 a 8
Diagram 2－9

## 45．를 3

Just before the winning post White begins to lose his concentration．Fortunately he was not punished for it in the game：his opponent＇s resistance was already broken．
 45．．．2b646．a5

Nor is this move the best． $46 .{ }^{\text {gum }} \mathrm{b} 3$ ！is correct： 46．．．9d747．a5＋－
46．．．孯xa5


## 47．c8㩆

Black resigned，slightly prematurely．After 47．．．巴a2 $\dagger$ I would still have had to find the variation 48 ．${ }^{\text {bab }} \mathrm{b} 3$


## Diagram 2－10

## A．Yusupov－J．Hall

Bundesliga 1999
White is better．He controls the a－file and has an advantage in space．Black has the b6－pawn as a weakness，but it is hard to attack and relatively easy to defend．Despite that，it is worth first forcing your opponent onto the defensive and tying down some of his pieces．
46．${ }^{2}$ f1！
Planning © 2 －c4，so as to put further pressure on b6．

## 

In order to make progress，White must undertake something on the kingside（the principle of two weaknesses）．Since Black has absolutely no counterplay，White manoeuvres for quite a long time，aiming to first bring his pieces to their optimal positions．These waiting tactics are rather unpleasant for his opponent．


White is still not sure whether he wants to exchange the rooks．
52．．．骂b7

## Diagram 2－11

53．f4！
There is no way to make progress without this breakthrough．53．0e3 achieves nothing after 53．．． Q $^{2}$ 7．

## 53．．．登e8

Also after 53．．．exf4 $\dagger$ ！？54．思xf4 登e8 55．置f3 （or 55．．． $0 \mathrm{~g} 5 \dagger 56$ ．思xg $5 \mathrm{fxg} 57.0 \mathrm{e} 3 \pm$ ）56．思xe5 dxe5 $57 .{ }^{\circ} \mathrm{a}$ a $8 \pm$ the position remains very unpleasant for Black．

## 54．呂f3 登f8 55．

The waiting game continues．

骂b8

## Diagram 2－12

Having gained some time for thought，White now realized that he could profit from the black rook having left its position on h8．
 black pieces are even more tied down．Not so good is 65 ．fxe 5 xe $5 \dagger 66$ ． 0 xe 5 dxe 5 with a solid position for Black．

## 65．常xb8

White exchanges the superfluous rook．One rook is all he needs for his active play（as in the previous game）．In addition he obtains better possibilities of activating his king．
65．．．置 $\times b 8$
Diagram 2－13
66．g5！
The principle of two weaknesses．
66．．．fxg5
66．．．exf4 67．gxf6 gxf6 68．思xf4 ${ }^{\text {D }}$ e5 $\dagger$ 69．思xe5 fxe5
 0xd6 74．${ }^{3 x} x d 6 \pm$ is also to White＇s advantage．
骂h7

The result of the operation is very pleasing for White．Black has a clear second weakness on g7，the white king can now come quickly into play，and the d6－pawn also becomes a serious target．

Diagram 2－11


Diagram 2－12


Diagram 2－13


## Diagram 2－14



Diagram 2－15


## 71．．⿷匚⿳一⿴囗十心




72．．． 5 a 7 73． Da $^{2} 3 \pm$ does not change the situation． 73．${ }^{\text {G }} \mathrm{g} 4$
Black is in zugzwang and has to abandon his defensive line．

## 73．．．g6！？

Black sets a final trap．73．．．9g8 74．${ }^{\text {dff }} \mathrm{Ef6}$
 $78 . \mathrm{h} 6+-$ is hopeless．

## 

## Diagram 2－14

75．超f3！
Mistakes are always possible． $75 . \mathrm{g}$ ？is met by 75．．． $\mathrm{g} 1 \dagger=$ ，resulting in a repetition of moves．

The g－pawn is too strong．

The second weakness－the d6－pawn－is also attacked．

The threat is 83 ．${ }^{\ddagger} \mathrm{h} 5$ and then 84 ． $\mathbf{4}$ h6．Black tries to obtain counterplay．

## 82．．．c4

## Diagram 2－15

83．吉f3！
The simplest solution．White＇s king will simply take this pawn first，before returning to the kingside．
1－0
When you do the exercises，always bear in mind the principles of technique．

# CHAPTER 

$\checkmark$ "What does my opponent want to do?"
$\checkmark$ Prophylactic solutions
$\checkmark$ When we should employ prophylaxis

## Prophylactic thinking

Prophylactic thinking is one of the most important themes in the positional game. Chess players often forget that they are not alone at the board, and that they must also take into account their opponent's plans.

The habit of always asking yourself what your opponent wants to do, of answering the question correctly and taking into account the information you have gained, is prophylactic thinking.

Prophylactic thinking is for me a philosophy of the chess struggle, which embodies due respect to one's opponent.

Prophylactic thinking often helps not only to find the opponent's ideas, but also to work out the solution to the position. A move which simultaneously improves our own position and blocks our opponent's plans is usually the optimal solution.

Prophylactic moves are stronger than purely defensive moves because they improve your own position. Prophylactic moves are also stronger than mere improvements to your own position, because they also hinder your opponent's game.

There is another important psychological factor in prophylactic thinking which I wish to emphasize: it is extraordinarily difficult to battle against a prophylactic player. Once the plans you have prepared have been thwarted a few times, mistakes often creep in.

Of course we do not always make use of prophylactic thinking. It is when the course of the game is very quiet that prophylactic thinking is most useful. In situations in which we have forcing options, we must first of all calculate variations - we are not interested in our opponent's intentions if we have a forced mate in three moves!

The following games show how and when we should employ prophylactic thinking.

## A．Yusupov－J．Van der Wiel

Lucerne Olympiad 1982

## 1．c4 4 f6 2．0．0 3 e6 3．e4 d5

An alternative is $3 \ldots \mathrm{c} 5$ ．

### 4.55 E4

4．．．d4 is the main variation．

## 5． 0 f 3

 gets control of the d 4 －square and develops an initiative．White prefers a quieter set－up．

## 5．．．包c6 6．思e2

After 6．d4！？Black can reply 6．．．思b4．

## 6．．．恩e77．0－0

7．蹓c2 is met by 7．．． g 5 ！，as in Seirawan－ Christiansen，USA Ch，South Bend 1981.
7．．．0－0 8．d4
Now White can occupy the centre．

## 8．．．b6 9．息e3 0 xc3




## 10．bxc3 dxc4

10．．．思a6！？（Bagirov）


## Diagram 12－1

Black prepares ．．．c5．Here White has a typical regrouping of his pieces to prepare the attack on the kingside．

## 13．© d 2 ！c5 14．䠦g4！g6

Not 14．．．cxd4？15．思h6 $\pm$ ．

## 15．${ }^{\circ}$ e 4 cxd 4

If $15 . .$. 思xe4？16．思xe4 ${ }^{\text {man }} \mathrm{c} 8$ ，then comes $17 . \mathrm{d} 5 \pm$ ．

## 16．cxd4 4

## Diagram 12－2

Black probably should have preferred 16．．．思xe4 17．悤xe4 品 $88 \pm$ ．

With the game move，Black has the tactical threat of ．．． 0 xe5．This threat can easily be parried if White puts his rook on d1．It is more difficult to do anything against his opponent＇s positional idea of bringing his knight via b4 to d 5 ．But one logical move takes into account both ideas．

## 17．罥fd1！

Why not the other rook？In the variation 17．gad 1 ？！


Diagram 12－1


Diagram 12－2


Diagram 12－3


触xf8 20．品xd3 䓌a6＝we can clearly see the difference between the two moves．

## 17．．． Q $^{64}$

17．．． $0 x d 4$ ？？is of course bad，on account of


## 18．宽h6！营e8


19．思b5 蔥c6 20．宦xc6 包xc6

## Diagram 12－3

White can be content．The exchange of bishops was not bad for him．But it is once more time for some prophylactic thinking．What does his opponent want to do here？Probably ．．．$\searrow$ b4－d5 again！White can protect the b 4 －square with a3．But the prophylactic move played in the game is much better．

## 21．品ab1！$\pm$

White develops his rook and aims to bring it into the attack by prevents the move ．．． D 4 ．
欮 d7 25．欮h6 f5 26．exf6 $\pm$ would not be so clear．

## 21．．．墾 d 5 ？

After White has twice thwarted his plans，Black reacts nervously and loses a decisive tempo．



But $21 . . .{ }^{\circ} \mathrm{c} 8 \pm$ would have been better．

## 

The threat is $9 \mathrm{f} 6 \dagger$ ．The black queen must retreat．

 24．．．監7
 25．．．楍 7 26．g3＋－．

## Diagram 12－4

25．${ }^{\text {² }} \mathrm{f} 3$
As Tal showed me after the game，White has a pretty way to win here： $25 . \mathrm{d} 5$ ！！exd5 26 ． $\mathrm{Sx}_{\mathrm{xd}} 5$ 蹯xd5


## 25．．．骂8

After this loss of the exchange，the game cannot be saved．But if $25 \ldots$ ．．． $\mathrm{B}_{\mathrm{B}} \mathrm{xh} 4$ ，then simply $26 . \mathrm{g} 3+-$ ．

## 

$28 . . .0 \mathrm{~d} 8+-$ would have lasted longer．
29．쁭d1

Threatening 30．e6．

1－0
The two prophylactic moves $17 .{ }^{m} \mathrm{fd} 1$ and 21．©ab1 practically decided the game．

## A．Yusupov－G．Timoscenko

Kislovodsk 1982

 9 ．．．e6 is the main alternative．

## 

White tries to make use of his lead in development．
11．箭d1 is also possible．
11．．．${ }^{\text {d }} \mathbf{d} 7$


## 12．蝲 a 4 e ？

This optimistic move escaped punishment in the game．

12．．． $0 x f 3 \dagger$ ？！ 13 ．${ }^{\text {b }} \mathrm{f} 1!\pm$ would also have been too risky for Black．

The correct choice was $12 \ldots 0 \mathrm{xb} 513$ ．${ }^{[\mathrm{M}} \mathrm{xb} 5$ ，when White＇s initiative should compensate for his pawn weaknesses．

## 13．dxe6 0 xe6

## Diagram 12－5

Black wants to play ．．．a6 and release the pin． That should encourage White to seek an active continuation．

## 14．悤e3？

 14．．． $0 x$ xg 15．0－0－0＋－）15．思xd7†壴e7 16．包e4！＋－

## 

White wants to exploit the open position of the black king．For that he needs all the central files．

## 17．0－0！？思d6

Black has two ways to consolidate the position and bring his king to safety：．．．品ac8 followed by ．．．${ }^{(1)} 6$ ，or ．．．号fd8 followed by ．．．高e8．

But it would have been better to begin the first plan with the immediate $17 . . .{ }^{\text {unc }} \mathrm{c} 8$ ！．Then after $18 . \mathrm{g} \mathrm{fd} 1 \dagger$

 23． $0 \mathrm{c} 3 \dagger \ddagger$ 衰 6 the position remains level．

Diagram 12－6


Diagram 12－7


## Diagram 12－6

## 18．${ }^{\text {d }} \mathrm{d} 5$ ！

This move activates the knight and prevents both defensive ideas．

As we already know，18．⿷fd1 achieves nothing：


## 18．．．喫ad8

Now Black wants to play $\frac{1}{b}$ c 8 ．Therefore．．．
19．堅ac1！

19．．．${ }^{\text {c }} 7$
19．．．雫e8 20 ．置fd1 is also unpleasant for Black． 20．0b6 $\dagger$

Of course White should keep the pieces on the board．
20．．．声e6 21．． g fe1！
Not 21． mfd ，on account of $21 \ldots \mathrm{~g} 5$ ！followed by ．．．f6 and ．．．思e5，and Black stabilizes his position．

## 21．．．古f5 22．． m ed 1


22．．．${ }^{\text {D }} 6$


## 23．${ }^{2} \mathrm{~d} 5 \dagger$ 古f6

$23 \ldots$ ．．． G 6 ！？is worth considering，or even $23 \ldots$ ．．．思e e ！？ 24．0 d7 f6＝

##  <br> Diagram 12－7

White retains the initiative．Now he strengthens the pressure on the queenside．

## 26．b4！


 the knight is trapped．

## 26．．．f6 27．a4

Intending b5－b6．

## 27．．．g5？！

Black wants to control the f4－square，but he voluntarily weakens his f6－pawn．

27．．．＂he8！？followed by ．．．高f7 was sounder．

## 28．宽c1！？

The bishop wants to go to b2 to attack the f6－ pawn．

If 28．b5，then 28．．．axb5 29．axb5 踄hg8＝．
A decent alternative is 28 ．思d4！？©xd4（28．．．品xd7？


Black can hold the position after 29．．．b6 30．${ }^{\mathrm{M}} \mathrm{e} 4 \dagger$


## 

This move has more drawbacks than pluses． 28．．．』ّhg8！would have been better： $29.65 \pm$

## 29．思xf4 冤xf4？

## Better is 29．．．gxf4 $\pm$ ．

## Diagram 12－8

## 30． $0 \times 6$ ！

This tactical blow brings White a clear advantage．

## 30．．．留c8？！


 32．${ }^{\circ} \mathrm{xff} 4 \dagger$ gxf4 $33 . \mathrm{m}_{\mathrm{m}} \mathrm{d} 4 \pm$ would have been more resilient．

## 31． 0 h 5 ！？

31． $0 x h 7$ ！？is also possible，but in time trouble White chooses a safer continuation．

Threatening mate in one．

## 34．．．思d8

 37．．ूxc7！品xc7 38．包e8†．

## 35．監xb7＋－

White has a large material advantage，which he was able to convert into the full point．

Black＇s mistake on move 29 was not a matter of mere chance．With his prophylactic decisions on moves 18,19 and 21，White hindered his opponent＇s desired consolidation of the position and developed a dangerous initiative．Mistakes in such situations are almost preprogrammed and prophylactic play provokes them．
＂The development of the capacity for prophylactic thinking brings the chess player a powerful step forward and clearly raises his playing strength．＂－ Mark Dvoretsky

In the test which follows，we shall train this ability． First ask yourself what the other side wants to do， and note that down in your answer．Try to prevent it and，if possible，to improve your own position at the same time．

