opening repertoire

the Grünfeld defence

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About the Author

Nigel Davies is an International Grandmaster and respected coach. He's the author of numerous books and DVDs on the game and is known for the clarity of his explanations.

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Introduction

From Black's counterattacking options against 1 d4, the Grünfeld Defence is the most reputable. This can be most easily shown by the galaxy of stars who are playing it, contemporary exponents including Magnus Carlsen, Fabiano Caruana, Ding Lirin, Wesley So, Levon Aronian, Alexander Grischuk, Maxime Vachier Lagrave, Ian Nepomniachtchi, Anish Giri, Peter Svidler, Alexander Morozevich, Boris Gelfand, Vassily Ivanchuk and many others. Going back in time it can also be found in the repertoires of many world champions including Garry Kasparov, Bobby Fischer, Vassily Smyslov, Mikhail Botvinnik and Alexander Alekhine, not to mention the strongest player never to become World Champion, Viktor Korchnoi.

What is the idea behind the Grünfeld? After 1 d4 \triangle 16 2 c4 g6 3 \triangle 1c3 it may at first look strange to play 3...d5 because White can create a pawn center with 4 cxd5 \triangle 1xd5 5 e4. Yet this center is then immediately placed under attack with 5... \triangle 1xc3 6 bxc3 \triangle 2g7 followed by 7...c5, and Black can intensify this pressure with a subsequent ... \triangle 1c6. In other lines Black's g7 bishop also proves to be the most effective minor piece on the board, perhaps in part because White's 2 c4 made the d4-pawn just a tad more vulnerable.

The following famous game was hailed as the "Game of the Century" and provides a good illustration of the Grünfeld's counterattacking nature. Playing Black is the then 13-year-old Bobby Fischer, White was Donald Byrne who had won the US Championship just three years earlier.

Game 1 D.Byrne-R.Fischer

Rosenwald Memorial, New York 1956

1 �f3 �f6 2 c4 g6 3 �c3 ₤g7

Fischer was evidently happy to play a King's Indian Defence, which White could go into after e2-e4 either here or on the next move.

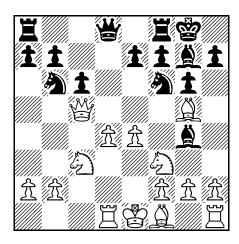
4 d4 0-0 5 &f4

Looking for an unusual line against the King's Indian, for example after 5...d6, White could play 6 e3. Fischer takes the opportunity to enter a line of the Grünfeld where White

has committed himself to \$4.

A sensible move, but not a critical one. Black should play 8...b5! 9 營b3 營a5 intending ...b5-b4. For example 10 总d3 总e6 11 營d1 c5 12 d5 总g4 13 0-0 c4 14 总c2 约bd7 then sees Black develop in a harmonious and active fashion.

9 \(d 1 \empty b6 10 \empty c5 \(d g 4 11 \(d g 5 ?) \)



This loss of time has surprisingly serious consequences. After the simple 11 \(\hat{\text{\text{\text{2}}}}\) e 2 Black would struggle to find active counterplay because of his lack of readily available pawn levers; now the counterplay arrives solely with piece play.

11...@a4!!

A bolt from the blue, exploiting the awkward placement of White's pieces and his uncastled king.

12 **₩a**3

Accepting the sacrifice is just good for Black, for example 12 🖾 xa4 🖾 xe4 13 👑 c1 (or if 13 👑 xe7 then 13... 👑 a5+ 14 b4 👑 xa4 15 👑 xe4 🖺 fe8 16 êe7 êxf3 17 gxf3 êf8 wins) 13... 🗳 a5+ 14 🖾 c3 (14 êd2 👑 xa4 leaves Black a pawn up with an overwhelming position) 14... êxf3 15 gxf3 🖾 xg5 would see Black recovering the sacrificed material with a winning position.

12... 公xc3 13 bxc3 公xe4 14 总xe7 当b6

14... > d5 was less spectacular but also very strong, for example 15 全xf8 全xf8 16 學b3 學xb3 17 axb3 置e8 leaves White without any good moves.

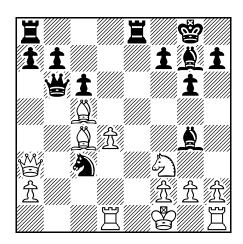
15 **≜**c4

15...**∮**xc3!

This further sacrifice is overwhelming. 15... $\hat{2}$ xf3 16 gxf3 $\hat{2}$ xc3 17 $\hat{2}$ c5 $\hat{2}$ b5 is also good for Black and does not require a later queen sacrifice.

16 **≜c**5

16...≌fe8+ 17 **∲**f1



17...**≜e**6!

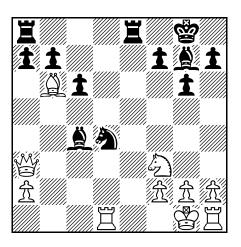
This brilliant queen sacrifice is the only way. 17...心b5? would have let White off the hook after 18 ②xf7+! 堂h8 (not 18...③xf7 because of 19 營b3+ ②e6 20 公g5+ etc.) 19 ③xb6 ②xa3 20 ②c5, when suddenly Black is in an endgame with insufficient compensation.

18 **≜**xb6

Going down in flames, but other moves do not help. For example, White cannot play 18 \$\delta xe6\$ as a well-known smothered mate pattern follows after 18...\$\delta b 5+ 19 \$\delta g1\$ \$\delta e2+ 20\$ \$\delta f1\$ \$\delta g3+ 21\$ \$\delta g1\$ \$\delta f1+! 22\$ \$\delta xf1\$ \$\delta e2\$. Meanwhile 18 \$\delta xc3\$ is refuted by 18...\$\delta xc5! 19 dxc5 \$\delta xc3\$ 20 \$\delta xe6\$ \$\delta xe6\$ and 18 \$\delta d3\$ is just good for Black after 18...\$\delta b5.

18...≜xc4+ 19 \$g1 De2+ 20 \$f1 Xd4+ 21 \$g1

21 罩d3 axb6 22 營c3 公xf3 wins White's queen because 23 營xc4 罩e1 is mate.



21...②e2+ 22 \$\dipsif1 20c3+ 23 \$\dipsig1 axb6

Facing catastrophic material losses White could have saved himself the rest. Perhaps he thought the kid he was playing might mess up.

One factor that scares many players away from the Grünfeld is that it has the reputation of being highly theoretical and therefore difficult to learn and maintain. With many of the sharpest lines this is a fair assessment, yet the Grünfeld is fundamentally sound enough to permit Black a wide choice. This is reflected in my recommendations for Black, assuming my target audience to be club level players rather than Grünfeld-toting Grandmasters who are 2700+. I have chosen high quality but low maintenance lines in which the outcome from the opening is a typical Grünfeld middlegame position. By doing so I hope to have simplified the lines and plans sufficiently enough for the reader to be able to remember them.

The way I suggest the reader approaches this book is to read through it quickly the first time to get an overview of the material and how the lines fit together. After this I recommend trying the Grünfeld in some games and then referring back to this book to check your play against what I recommend. As your understanding grows you may want to start adding your own notes and this is where the Everyman Chess ebook format is invaluable – just import the games into your favourite chess database software and add your own notes and any new games or lines that you want to incorporate.

Nigel Davies, St. Helens, UK December 2020

Chapter Five Russian System: 5 ₩b3 and 5 ₩a4+

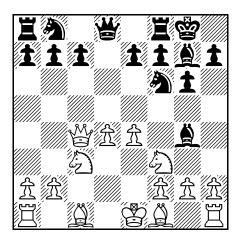
1 d4 🖄 f6 2 c4 g6 3 🖄 c3 d5 4 🖄 f3 💄 g7 5 👑 b3

The so called Russian System with 5 \$\disp\beta\$ is one of White's traditional weapons against the Grünfeld. By initiating pressure against d5 he almost forces Black to give up the centre with ...dxc4. After 5...dxc4 6 \$\disp\xc4 0-0 7 e4 the recommendation for Black is the equally traditional Smyslov line with 7...\$\disp\xeta g4 followed by ...\$\disp\xeta fd7\$, unveiling the Grünfeld bishop on q7 which then targets d4.

White has an important alternative in 7 £f4 after which the recommended treatment is 7...c6 8 e4 \(\mathbb{\mathbb{e}}\) as covered in Radjabov-Morozevich (game 35).

7...≜g4

Smyslov's line, which was one of Black's early methods of combating the Russian System and has retained its good reputation.



8 **≜**e3

Question: What happens after 8 ♠e5?

Answer: Black can meet that with 8... 2e6 after which 9 d5 2c8 is covered in Zuger-Birnboim (game 36) and 9 ∰b4 2fd7 10 2xd7 2c6 in Kulzinski-Gligoric (game 37). Despite looking superficially attractive, the problem White has is that the knight is not stable on the e5-square.

Question: Is 8 \(\textit{2}\)e2 an alternative for White, preventing the doubling of his f-pawns?

Answer: Yes it is, though Black will not normally capture on f3 after 8 2e3. The drawback of 2e2 is that after 8... fd7 9 2e3 b6 White has to play 10 fc5 to defend the d-pawn, which isn't an issue if he plays d1 instead of 2e2. Visakh-Mareco (game 38) then featured 10...e6 to restrain the further advance of White's d-pawn. This is a plan that will be used throughout the recommended repertoire against 5 b3.

8.... (2) fd7

Question: That looks like a strange move, what's the idea?

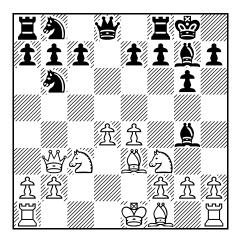
Answer: Black is regrouping the knight to b6 where it will gain time by hitting the queen. Moving the knight from f6 also unveils the bishop on g7 so that it can put pressure on White's d4-pawn.

9 **₩b**3

9 Id1 b6 will normally transpose back into the main line after 10 b3 e6, but White played 10 c5 in Arakelov-Yandemirov (game 39). Black then gained time on the queen

Opening Repertoire: The Grünfeld Defence

with 10... ②8d7 11 ≝b5 c6 12 ≝b3 and freed his game with 12...e5. **9...** ②**b6**



10 \did d1

Question: Can White also bring his king to safety with 10 0-0-0?

Answer: Yes that's an alternative worth considering when the recommended formula is again 10...e6 as in Ivanov-Shishkin (game 40). But note that White's king will not be particularly safe on the queenside where it has only two pawns as cover.

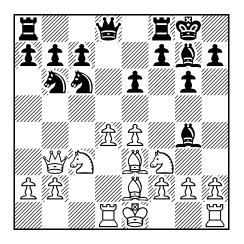
One other alternative for White is 10 a4 after which 10...a5 11 d5 was played in Furman-Timman (game 41) and now Black undermined d5 with 11...e6.

10...e6

Question: What's the point of this? Shouldn't Black be using the time to attack White's center?

Answer: Before playing ... 6 black first restrains White's d-pawn so that he cannot easily play d4-d5.

11 **≜e**2 **∮**)c6



12 e5

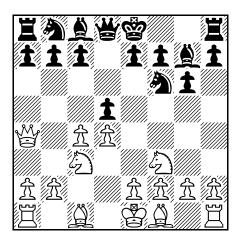
White has a major alternative in 12 ∅g1 after which 12...≜xe2 13 ∅gxe2 ∰e7 14 0-0 ≝fd8 15 e5 ∰b4 was about equal in Shankland-Rakhmanov (game 42).

12...2e7 13 h3 &xf3 14 &xf3 c6 15 0-0 \(\begin{array}{c} \text{c} \text{c} \text{c} \\ \text{c} \text{c} \\ \text{

A game of heavy manoeuvring is in prospect, with Black emerging victorious in Radjabov-Ivanchuk (game 43).

Game 34 A.Rasmussen-E.Sutovsky European Team Championship, Porto Carras 2011

1 d4 �f6 2 c4 g6 3 ₺c3 d5 4 ₺f3 ₤g7 5 豐a4+



This leads to similar play to 5 \bigwb3, but with Black having the extra move, 5...\dot\dot\dot\dot

5... **全**d7 6 **豐b3** dxc4 7 **豐**xc4

7 營xb7 is strongly met by 7...公c6, for example 8 总f4 罩b8 9 營xc7 營xc7 10 总xc7 罩xb2 recovers the pawn with the better game.

7...0-0 8 **\$**f4

Giving the game a novel turn. 8 e4 &g4 is a direct transposition into the 5 &b3 lines considered later.

8...c6 9 e4 🖐 a5 10 🏖 d2

As in the previous game, White has an alternative here in 10 b4, when it remains to be seen whether Black's extra ...\$\overline{\overlin

10...b5 11 ₩d3

11 \$\mathbb{W}\$b3 b4 undermines the defender of the e4-pawn and after 12 e5 bxc3 13 \$\delta\$xc3 \$\mathbb{W}\$c7 14 exf6 exf6 Black gets an excellent position which is very similar to the note to White's 9th move in the next game, Radjabov-Morozevich.

11...b4 12 2 d1 c5! 13 d5

13...e6! 14 🕮 e3

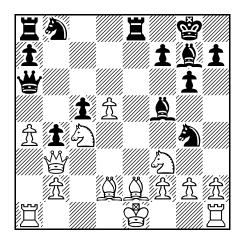
Question: Could White push on with 14 d6 here?

Answer: Black has a strong reply with 14...2c6 15 e5 3g4, when White's centre pawns are in big trouble.

14...exd5 15 exd5 \(\bigsige = 8 \) 16 \(\bigsige = 2 \bigsige \bigsige g 4 \)

16...a6 17 ②c4 &b5 18 &e3 &xc4 19 ₩xc4 ②bd7 20 0-0 ②b6 wins a pawn, for example 21 ₩xc5 ₩xc5 22 &xc5 ②a4 23 &e3 ③xd5 attacks e3 and b2.

17 ②c4 ₩a6 18 a4 ዿf5 19 ₩b3



With White's king still in the centre, it should be no surprise that something bad now happens.

19...**\(\beta\)**xe2+! 20 \(\beta\)xe2 \(\beta\)d7

This quiet follow-up leaves White without a good move.

21 **⊈**e1

As an example of White's woes, 21 Ξ hc1 is strongly met by 21... \triangle de5, for example 22 \triangle fxe5 \triangle xe5 23 \triangle d1 \triangle d3 24 Ξ c2 Ξ d8 25 d6 \triangle xb2+ 26 Ξ xb2 \triangle xb2 27 \triangle xb2 Θ f1+ 28 \triangle e1 Ξ xd6+ etc.

- 21... 2e4 22 h3 2xd5 23 hxg4 2xc4 24 \(\ext{\$\text{\$\\etitt{\$\text{\$}\text{\$\exit{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\te
- 28 ∰a5 ዿxb2 29 罩d1 ዿa3

Threatening 30... \$b4+.

Threatening mate on b1, and in fact there's not a whole lot White can do about this.

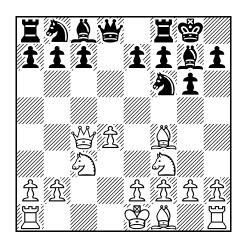
34 �b5 a6 35 �a3 ≌b3 36 ≜e7 ≌b2 0-1

A dashing game by Sutovsky.

Game 35 **T.Radjabov-A.Morozevich**Sportaccord Rapidplay, Beijing 2012

1 d4 �f6 2 c4 g6 3 �c3 d5 4 �f3 ₤g7 5 ∰b3 dxc4 6 ∰xc4 0-0 7 ₤f4

This has become accepted as a serious alternative for White. The approach I will recommend for Black is based on ...c6 and ...b5, gaining counterplay on the queenside.



7...c6 8 e4 ₩a5

Threatening the e4-pawn because of the pin on the knight on c3.

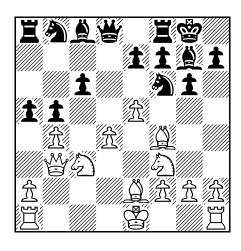
9 b4

It is certainly tempting to gain time on the queen like this, but pawns cannot move backwards and this leaves White's queenside look quite porous.

White's alternative is the solid looking 9 ②d2, but then Black can play 9...b5, after which 10 營b3 (10 營c5 營b6 11 營xb6 axb6 is also fine for Black, who has counterplay on the a-file) 10...b4 11 ②a4 (11 e5 bxc3 12 ②xc3 營c7 13 exf6 exf6! is fine for Black, who plans to put a rook on e8 next) 11...②xe4 12 ②xb4 營h5 leaves him with an excellent position as Black has eliminated one of White's centre pawns.

9... 學d8 10 **Qe2 b5 11 學b3 a5**

Gaining counterplay on the queenside, having first sealed White's b-pawn with 10...b5. **12 e5**



After 12 a3 Black gets counterplay with 12...axb4 13 \$xb4 2a6 14 \$b2 c5, breaking open the h8-a1 diagonal.

12...4 d5

Not bad, but apparently not the best. The silicon servant suggests the amazing 12...\$e6! 13 exf6 \$\delta\$xb3 14 fxg7 axb4!! 15 gxf8\$\delta\$+ \$\delta\$xf8 16 0-0 \$\delta\$c4! 17 \$\delta\$xc4 bxc4 18 \$\delta\$e2 \$\delta\$d7, when Black's advanced queenside pawns more than compensate him for the sacrificed material.

Question: Shouldn't White get a pawn for his knight with 14 🖾 xe7+?

Answer: If Black plays this way Black will get the b4-pawn after 14... **e7 15 **e2 axb4, and in doing so gets an excellent game.

14... 2xd5 15 a3 axb4 16 axb4 \(\bar{2}\)xa1+ 17 \(\bar{2}\)xa1 \(\bar{2}\)d7 18 0-0 f6

With ...c6-c5 being unavailable Black relies on a different pawn lever. He already has a slight edge due to his superior pawn structure.

19 exf6 exf6 20 ₩c3 g5 21 &e3 Ïe8 22 Ïa1

22 2d3 b6 is also better for Black as he has fewer pawn islands and more space. Whether he can then win is another matter entirely.

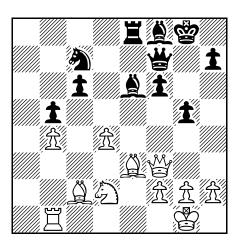
22...**②**f8

22...\(\alpha\) b6 might have been better, targeting the c4-square.

23 &d1 @e6 24 &c2 &f8 25 @d2 \equiv e7 26 \equiv d3 \equiv f7 27 \qquad b1?!

Rather than this passive response, White should have considered 27 \$f5 &xb4 28 &cupe = 27 with play for the pawn. After the move played Black takes control.

27...公c7 28 豐f5 臭e6 29 豐f3



29...�d5

The b4-pawn is falling anyway but without White having compensation.

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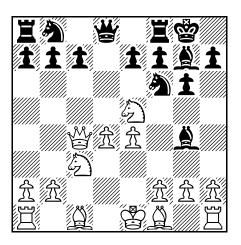
30 ②e4 g4 31 ∰d1 ②xb4 32 臭b3?!

Desperation, but there's not much left for White. 34 \triangle xf6 is equally forlorn after 34... \forall xf6 35 \exists xb3 \triangle d5 etc.

34... 全c2 35 公xf6 罩xe3 36 罩f1 罩e5 37 豐f4 罩f5 0-1

Game 36 **B.Zuger-N.Birnboim**Munich Zonal 1987

1 d4 🖺 f6 2 c4 g6 3 🖺 c3 d5 4 🖺 f3 👲 g7 5 👑 b3 dxc4 6 👑 xc4 0-0 7 e4 💄 g4 8 🖺 e5



Question: This looks like a good move, putting the knight on a strong square and gaining time. Why is it not more popular?

Answer: Although this looks obvious and quite good optically, White's knight will prove to be far from stable on the e5-square.

8... **£e6 9 d5**

9 \bullet b4 will be examined in the next game, Kulzinski-Gligoric.

9...≜c8 10 ≜g5

After the developing move, 10 &e2, Black can play our typical 10...e6, for example 11 &f4 (11 &g5 exd5 12 &xd5 c6 13 &xf6+ &xf6 14 &xf6 &xf6 is fine for Black) 11...exd5 12 exd5 &e8 13 0-0 &d6 14 &d3 &e8 15 &c4 &a6 16 &xd6 cxd6 17 &fe1 &f5 18 &d2 &c5 19 &b5 (19 &ac1 &b6 20 &e3 &b4 \frac{1}{2}-\frac{1}{2}\) was B.Kantsler-V.Mikhalevski, Rishon Le Ziyyon 1997)

10...c6 11 dxc6 bxc6

Black could also play 11... \triangle xc6, when 12 \triangle xc6 bxc6 13 $\frac{1}{2}$ xc6 $\frac{1}{2}$ 8 gives Black more than enough for his pawn.

12 **2e2 a5** 13 **2xf6**

13 f4 is strongly met by 13.... a6!, when play can continue 14 公xc6 營c7! 15 公d5 公xd5 16 公xe7+ 會h8 17 公xd5 (both 17 營xd5 f6 18 魚h4 營xe7 19 營xa8 營b4+ 20 會f1 魚xe2+ 21 含xe2 營xb2+ 22 會f3 營c3+ 23 會e2 公c6 and 17 營xc7 公xc7 win for Black) 17... 營xc4 18 魚xc4 魚xc4 19 公c7 公d7 20 公xa8 萬xa8 is good for Black as his active minor pieces are stronger than White's rook and two pawns.

13... 2xf6 14 2d3 2a6 15 e5

15... ♠ xe5 16 ♠ xe5 ∰ xe5 17 0-0 ☐ b8 18 ∰ xc6 ☐ xb2 19 ♠ xa6 ☐ b6 20 ∰ f3 ☐ xa6 Black has emerged from the complications with a good extra pawn.

Having found himself a pawn down White tries to conjure up chances on the kingside. Unfortunately for him it will not be enough and 25 \triangle 3 should have been preferred.

25... 學b2 26 學h6

A losing gamble but not much will help him now. 26 \(\begin{align*} \begin{align

- 26... 三xa2 27 營h4 魚xe4 28 區h3 h5 29 營xe4 營xf2+ 30 含h1 區d8 31 區g3 營f6
 - 31... Ze2 would have won on the spot.

32 h3 罩a1 33 罩xa1 豐xa1+ 34 含h2 豐f6 35 豐b7 h4 36 罩f3 豐e5+ 37 含g1 罩d1+ 38 罩f1 豐e3+ 0-1

Game 37 N.Kulzinski-S.Gligoric Yugoslav Championship, Belgrade 1948

1 d4 \$\angle\$ f6 2 \$\angle\$ f3 g6 3 c4 \$\alpha\$ g7 4 \$\angle\$ c3 d5 5 \$\widetilde{\bar{b}}\$ b3 dxc4 6 \$\widetilde{\bar{w}}\$ xc4 0-0 7 e4 \$\alpha\$ g6 8 \$\angle\$ e5 \$\alpha\$ e6 9 \$\widetilde{\bar{b}}\$ b4