Zenón Franco

Morphy move by move

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About the Author

Zenón Franco is a Grandmaster from Paraguay, now living in Spain. He represented Paraguay, on top board, in seven Chess Olympiads, and won individual gold medals at Lucerne 1982 and Novi Sad 1990. He's an experienced trainer and has written numerous books on chess.

Also by the Author:

Anand: Move by Move Rubinstein: Move by Move Spassky: Move by Move

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Introduction

It is a pleasure to write about a chess player whose career was as unusual as that of Paul Morphy, who was considered without question to be the best in the world in his day.

He became number one, not through a 'normal' process of experience and learning, but almost overnight. In fact his career was the shortest of all those who can be considered the number one of their time. Between his first game in the first USA Championship in 1857 and the last game of his match against Adolf Anderssen, there was a space of only one year and three months. Even so, Morphy's superiority over the rest was overwhelming.

Morphy is possibly the easiest to understand of the players who have been the best of their time. As Max Euwe pointed out, his style was based on three basic elements: 1. rapid development of the pieces; 2. control of the centre; and 3. open lines.

It seems simple, yet it can't be so, since the other masters of the day couldn't manage it when they confronted him; only Morphy grasped it. He was ahead of his time. One of his rivals Henry Bird said: "When one plays with Morphy the sensation is as queer as the first electric shock, or first love, or chloroform, or any entirely novel experience".

Morphy read all the literature that was available in those days, but this didn't amount to much; that alone wasn't enough. As a standard of comparison, let's keep in mind that Robert Fischer said in 1968 that part of his own mastery was due to his having read around a thousand books and having taken the best out of each of them.

All the masters agree that Morphy's beautiful combinations were based on the fact that he was the first positional player, even though that sounds paradoxical. His teachings were perfected later by Steinitz, but Morphy was the first, the most revolutionary. And we are left with an obvious question: How did he discover it? How did he learn?

As with two other world number ones whose careers I have had the good fortune to study, Akiba Rubinstein and Boris Spassky, Morphy's written legacy is almost non-existent. Unfortunately, he left little or no evidence of how he chose his moves, how he evaluated the positions, etc. Thus we have to let his games speak for him.

The Structure of this Book

In the first chapter I examine Morphy's style of play, with testimony from various world champions, along with my own conclusions. Then some practical examples of his style are given.

Morphy: Move by Move

The rest of the book features a selection of his games, ordered chronologically, with some biographical data. Extracts from games and some supplementary games are added.

Zenón Franco Ponteareas, September 2016

With special thanks to Jonathan Tait for his very useful suggestions and improvements.

64...\$d6 65 b6 \$c6 66 b5+\$d7 67 \$b7 \$g8, again drawing, as pointed out by Karsten Müller.

62... The first beautiful from the first f

And so we arrive at the sixth game, which is one of the most famous and most beautiful of his career.

Game 10 L.Paulsen-P.Morphy

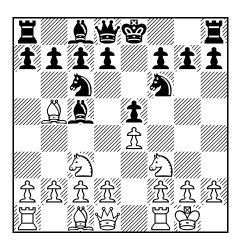
First American Congress (final, game 6), New York 1857 Four Knights Game [C48]

1 e4 e5 2 4 f3 4 c6 3 4 c3 4 f6 4 \$ b5 \$ c5

This is the so-called Marshall Variation, although as we can see it was played well before Frank Marshall employed it.

Both 4...\$b4 and 4...\$d4 gained popularity several decades later.

5 0-0



Exercise: The opening theory of the time would have been running out around here. How do you think Morphy responded to the threat of $6 \triangle xe5 - ?$

Answer:

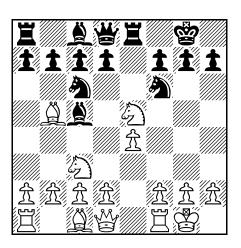
5...0-0

Sacrificing the pawn for rapid development was surely the first idea that sprang to mind. The black pieces quickly become active and it is quite possible that the sacrifice is only temporary anyway.

The alternatives 5... $ext{@e}$ 7 and 5...d6 6 d4 exd4 7 $ext{@xd4}$ $ext{@d}$ 7 may be playable, but Black will not gain such activity as in the game.

6 ②xe5 **\(\bar{\pi}\)**e8

"For the pioneers it is always difficult," commented Kasparov, who considered it dubious not to regain the pawn straight away. The main line nowadays is 6... \triangle xe5 7 d4 \triangle d6 8 f4 and now either 8... \triangle eq4 or 8... \triangle c6 9 e5 \triangle e7 (or 9... \triangle b4).



Exercise: What should White do about the attacked knight?

7 ∰xc6?!

Simplifying, and at the same time doubling the opponent's pawns, doesn't look bad, but White will lose further tempi and Black will achieve what he wants, which is to activate his pieces.

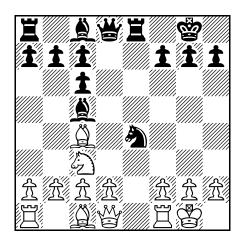
Answer: It's been known for a long time that $7 \triangle f3!$ offers some advantage, since after $7...\triangle xe4 \ 8 \triangle xe4 \ xe4$

The alternative 8 d4 is perhaps more questionable. After 8...②xc3 9 bxc3 皇f8 (better than 9...皇e7?! 10 d5 ②b8 11 皇f4, G.Maróczy-H.Pillsbury, Nuremberg 1896) 10 d5, then instead of 10...②e5, which helps White's mobilization by 11 ②xe5 罩xe5 12 皇f4 罩e8 13 豐f3 c6 14 皇d3, the more modest 10...②e7 is better, when White's advantage looks minor.

7...dxc6 8 &c4 b5?!

Before regaining the pawn, Black forces the bishop to decide which diagonal it wants to remain on.

Exercise: Why not 8... (2) xe4 immediately?



Answer: Owing to the weakness of f7. White could play 9 ②xf7+! ③xf7 10 ②xe4, since 10... 基xe4 loses to 11 当f3+.

But Black does have an alternative here, which would definitely suit Morphy's style and is even slightly better for Black: 8... \$\tilde{Q}\$_94!, as in H.Erskine-C.Tattersall, correspondence 1909, eyeing both h2 and f2 and threatening 9... \$\tilde{W}\$_h4. After 9 \$\tilde{Q}\$_2? \$\tilde{W}\$_h4 10 \$\tilde{Q}\$_xg4 \$\tilde{Q}\$_xg4 11 \$\tilde{W}\$_e1 \$\tilde{Q}\$_1, Black gains a decisive attack. No better is 9 h3? because of 9... \$\tilde{Q}\$_xf2! and if 10 \$\tilde{Z}\$_xf2 \$\tilde{Q}\$_xf2+ 11 \$\tilde{Q}\$_xf2, Black wins with 11... \$\tilde{W}\$_d4+.

Exercise: How should Black reply to 10 \(\delta\)xf7+ in the second line?

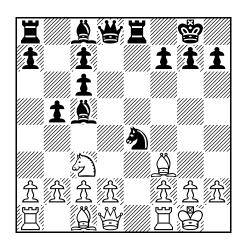
Answer: Not with 10... \$\delta\$ f7? due to 11 \$\delta\$h5+ and 12 \$\delta\$xc5, nor with 10... \$\delta\$f8? 11 \$\delta\$xe8 and the knight is pinned. The correct continuation is 10... \$\delta\$h8! 11 \$\delta\$xf2 \$\delta\$xf2+ 12 \$\delta\$xf2 \$\delta\$f8, when Black gains a material advantage.

9 <u>\$</u>e2

The bishop would remain out of play after 9 2b3 2g4 10 9e1 b4 11 2d1 xe4 or 11...2xe4.

9...⊕xe4 10 ⊕xe4

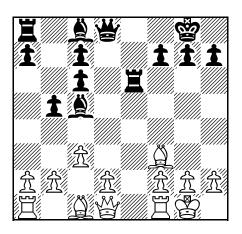
Exercise: Show your grasp of the tactical themes present in the position. How would you punish 10 \(\dot{2}\)f3? -?



10... at 11 £f3

This is a good choice. So too was 11 c3, as suggested by Steinitz, intending d2-d4 and keeping \$f3, followed by g2-g3, as a defensive resource.

11... **Ee6** 12 c3?!



A surprising error, and a clear example of not using "prophylactic thinking"; i.e. not asking oneself "What can my opponent do in reply?".

The natural 12 d3 was appropriate, as was the pawn sacrifice 12 d4!, when 12... wxd4 13 \(\)e3 \(\)wxd1 14 \(\)\(\)fxd1 gives White a slightly freer game with sufficient compensation.

Exercise: How can Black punish White's mistake?

Answer:

12...\₩d3!

Morphy must have asked himself "What is my opponent planning?", to which the answer is 13 d4, and so he replied with a move that hinders it. The bishop on c1 is the immediate victim, and subsequently the rook on a1.

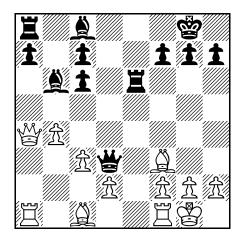
13 b4?!

It was better to play 13 Ξ e1, aiming to exchange a pair of rooks before Black's build-up of major pieces in the centre becomes too much to bear. White would follow up the rook exchange with Ψ f1.

13... \$b6 14 a4?!

Once again 14 \(\begin{aligned} \begin{aligne

14...bxa4 15 \(\psi\)xa4



Exercise: How can Black continue to activate his pieces?

Answer:

15...**≜**d7?

A very natural move, preparing 16... Zae8. Unfortunately, this time it is Morphy who fails to think prophylactically.

Exercise: How could Paulsen have punished Morphy for his inaccuracy?

16 \(\bar{a}\)a2?

"A fatal error" – Kasparov. Both sides have made the mistake of playing with only their own plans in mind, not looking for ways to restrict the enemy forces.

Answer: White needed to dislodge the annoying intruder from d3 with 16 <u>**</u>a6!, when the advantage would have switched to his side. Once the black queen leaves the blockading

square White is able to play d2-d4, shutting the b6-bishop out of the game and highlighting the hitherto unimportant weakness of Black's queenside. If then 16...豐xa6 17 罩xa6 罩ae8, White can play 18 单g4! (not yet 18 d4? due to the surprising response 18...c5! 19 bxc5 单b5) 18...单c8 19 罩a1 罩f6 20 单xc8 罩xc8 21 d4 with an obvious advantage. Black does no better with 16...豐f5 17 d4 罩ae8 18 鱼e3 c5 19 bxc5 全xc5 20 豐b7! (or 20 豐a2!) 20...单b6 21 c4 and White again has the advantage.

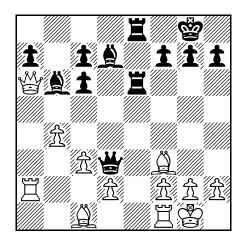
Going back to move 15, it is now clear that the correct move was the 'ugly' 15.... 2b7!, which seems to sideline the bishop well away from the focus of the struggle, but in fact it fulfils a more important function, which is to keep control of the a6-square. White does not have time to play 16 罩a2, followed by 豐c2, because of 16... 罩ae8 (threatening 17... 豐xf1+! 18 當xf1 罩e1 mate) 17 豐d1 ②a6! 18 罩xa6 豐xa6 19 d4 豐c4 20 ②d2 a5, solving the problem of the inactive bishop on b6, with a decisive advantage to Black.

Once again threatening 17... wxf1+ etc.

17 **₩a6**

"Paulsen found the correct idea after all, but for some reason a move later. At that time tempo play was still unusual!" – Kasparov.

If instead 17 營d1, Black is able to activate his d7-bishop with 17...c5! 18 bxc5 皇xc5 19 皇a3 (19 皇g4 f5 only postpones皇b5) 19....皇xa3 20 罩xa3 皇b5 and wins.



Exercise: How did Morphy demonstrate that in chess "a tempo is an eternity"?

Answer: All the black pieces are ready to join in a mating attack, exploiting the isolation of the a2-rook and the c1-bishop from the defence, as well as the absence of the white queen.

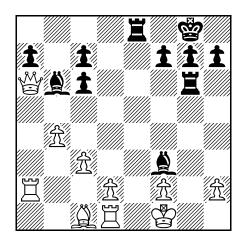
17... 學xf3!! 18 gxf3 罩g6+ 19 \$h1 \$h3 20 罩d1

The threat was 20....皇g2+ 21 皇g1 皇xf3 mate. It wasn't possible defend against this with 20 罩q1 owing to 20...罩xq1+ 21 堂xq1 罩e1+ etc.

Exercise: What is the best answer to 20 \delta d3 -?

Answer: Black wins with 20...f5!, preventing the counter-sacrifice 当xg6. Now if 21 当c4+ then 21...含f8! wins (not 21...含h8? on account of 22 当f7!), while after 21 量d1 全g2+ 22 含g1 全xf3+ 23 含f1 全xd1, the attack is irresistible. The white pieces still lack any coordination and are unable to arrive in time to defend with 24 当c4+ 含h8 25 d4 in view of 25...全f3, threatening 26...全g2+ again.

20... g2+ 21 g1 gxf3+ 22 gf1



22...<u>\$</u>g2+

23 **ਊg1 ≜h3+**

Although it scarcely matters at this stage, it was quicker to play 23...\$e4+ 24 \$f1 and now the switchback 24...\$f5! 25 \$\displaye2 \$h3+ 26 \$\displaye1 \displaye1 \displaye1 mate.

24 \$\disph1 &\text{2xf2 25 }\disphf1 &\text{xf1 26 }\disphfxf1 \disphfxe2!

In addition to being two pawns down, White's king remains weak.

27 \(\bar{2}\) a1 \(\bar{2}\) h6 28 d4 \(\alpha\) e3 0-1

The seventh game ended in another victory for Morphy, following a serious error by Paulsen in the opening (as we saw in the notes to Game 9); and Morphy won the eighth as well, so that the match finished 6-2 (or 5-1 discounting the drawn games, according to the tournament rules).

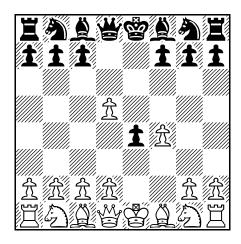
Paul Morphy thus became the first champion of the USA. 100 years later another player destined to reach the pinnacle of world chess, Robert Fischer, also won the US championship at the start of his career.

After this first great success, Morphy settled in New York, where he played 161 games at odds (+107, -36, =18) and 100 on even terms (+87, -5, =8). His opponents were the best chess players in the country: Paulsen, Stanley, Lichtenhein and Schulten.

Let's now view some games from that period, before Morphy's first visit to Europe. Possibly one of the best known games is the following:

Game 11 J.Schulten-P.Morphy Blindfold game, New York 1857 King's Gambit [C32]

1 e4 e5 2 f4 d5 3 exd5 e4



It should come as no surprise that instead of accepting the gambit, which is the most popular continuation at present, Morphy opts to sacrifice a pawn himself by playing the Falkbeer Counter-Gambit, seeking rapid development.

4 **②**c3

Opening theory was still in its early stages of development in those days. Subsequently, from the late 1960s onwards, it was considered better to play 4 d3 \triangle 16 5 dxe4 (Keres also tried 5 \triangle 1d2 a few times) 5... \triangle 1xe4 6 \triangle 1f3 (alternatively, 6 \triangle 1e3, preventing ... \triangle 1c5, was employed by, among others, the most significant exponent of the King's Gambit in the second half of the twentieth century, Boris Spassky) 6... \triangle 1c5 7 \triangle 2e2 \triangle 1f5 8 \triangle 2c3 \triangle 2e3, as suggested by Tartakower; the most famous game featuring this variation is D.Bronstein-M.Tal, USSR Team Championship, Riga 1968.

4...4 f6 5 d3

Exercise (easy): What move did Morphy play now?

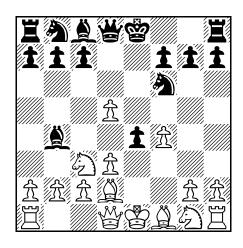
Answer:

5....≜b4

Of course – now there is no doubt about the best square for this bishop. That's why Keres used to played 5 \triangle d2, avoiding this pin.

6 **≜**d2

Neutralizing the pin. The line 6 dxe4 ②xe4 7 👑 d4 👑 e7 is harmless for Black. After 8 🗟 e2 0-0 9 🚊 d2 ②xd2 10 👑 xd2, as well as 10... 🚊 g4 and 10... c6 (as played in C.Von Bardeleben-J.Blackburne, 3rd matchgame, London 1895), 10... 🚊 c5 is attractive, with the threat of 11... 🚊 e3.



Exercise: How did Morphy respond to the threat of 7 ♠xe4 - ?

Answer:

6...e3!?

"Entirely in Morphy's style! We have here a splendid example of a positional sacrifice," commented Euwe. Black secures the superior development and the opening of the e-file in his favour, albeit now at the cost of two pawns.

Nevertheless, it is not clear that this is the best move. Subsequently, the safer line 6...exd3 7 2xd3 0-0 was played many times.

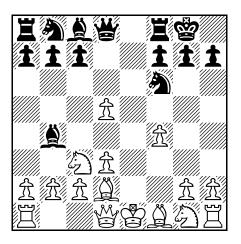
7 & xe3 0-0 8 & d2

Question: Hmm, moving the bishop once again? Is there nothing better?

Answer: This isn't a bad move; the bishop is exposed on e3 and would probably have to shift in any case after ... $\triangle x$ d5 or ... $\blacksquare e8$, so playing a move which will soon be 'forced' allows White more options on the following moves.

Schulten later tried to improve White's play with 8 2e2 in J.Schulten-I.Kolisch, Paris 1860, but his position deteriorated after 8...2e3 2e2 2e2 2e3 2

Finally, if White tries 8 êe2, Black can reply in similar fashion to what we've already seen: 8... êxc3+9 bxc3 公xd5 10 êd2 and here, among other things, Black has 10... 響f6 with a double attack.



8...**≜**xc3

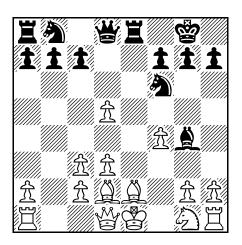
Question: I don't understand this; it doesn't look a very 'Morphy-like' move. Why exchange the developed bishop?

Answer: You're right, this is not a move that Morphy would normally choose voluntarily. Here he makes it for tactical reasons, to prevent the knight from blocking the e-file in lines such as 8... 三8+9 全2 全34 and now 10 台4!, when after 10... 全xd2+11 豐xd2 台xe4 12 dxe4 三xe4 13 0-0-0, White would gain the advantage. 8... 公xd5 9 台xd5 三8+ 10 台2 全xd2+11 豐xd2 豐xd5 12 c4, followed by 0-0-0, doesn't appear to grant Black enough compensation for the pawn either.

9 bxc3 **罩e8**+

The attempt to improve Black's play with 11... \bigcirc 16 12 \bigcirc 13 \bigcirc e7 13 \bigcirc e5 \bigcirc c6 is strongly met by Estrin's 14 \bigcirc c3!, or similarly 12... \bigcirc c6 13 \bigcirc c3! (not 13 0-0 \bigcirc e7! and White has to return the pawn with 14 \bigcirc e5, since 14 \square e1? loses to 14... \bigcirc c5+! followed by ... \bigcirc g4), as once again the invasion on e3 is not as promising as it looks after 13... \bigcirc g4 14 \bigcirc d2 \bigcirc e3 15 \bigcirc f2. 10 \bigcirc e2 \bigcirc g4

Again 10...②xd5 can be met by 11 c4!, as in the previous note. After 11...②e3 12 ②xe3 Exe3 13 ②f3 We7 14 &f2, Black no longer has a lead in development and remains a pawn down.



11 c4?!

Question: But now this is dubious, is it? Why is that? What should he have played?

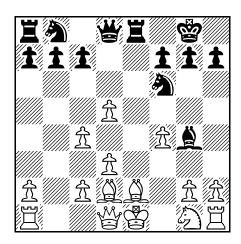
Answer: Clearly, this version of the c3-c4 idea does not fit into the category of "more active" that Kasparov mentioned. It is instead an extremely optimistic move: White maintains his two pawns advantage and at the same time prevents the f6-knight from coming into play with ... \(\tilde{\til

Despite the position not being very open yet, the pin on the e-file is something that a modern master would try to deal with as a priority, even though there is no immediate danger. There are two reasonable moves to try to resolve the problem of the pin, one is 11 h3, and the other is the king move that by now will come as no surprise, 11 \$\displayset{2}\$. Analysis

shows that both moves are playable, and in fact White achieves a reasonable position in both cases.

After 11 h3, rather than taking on e2 at once, Estrin's suggestion of 11...\w\d5! looks better; for example, 12 \displant{6}f2 (of course not 12 hxg4? \w\dgrapsexg2) 12...\displant{8}xe2 13 \displant{8}xe2 and now, instead of 13...\w\dgrapsec6c5+ 14 \displant{9}g3, it might be better to play the simple 13...\displant{6}c6, keeping the check on c5 in reserve, with such ideas as the manoeuvre ...\deltae7-f5, doubling rooks on the e-file, playing ...h5-h4, etc.

In the light of this, the immediate 11 \$\displaystyle f2\$ makes more sense. After 11...\$\displaystyle xe2 12 \$\displaystyle xe3\$, as well as 13 h3 (transposing to the previous line) White can choose between 13 \$\mathbb{I}\$f1 or 13 \$\mathbb{I}\$e1 with a complex position, apparently with chances for both sides. White is a pawn up, but his king is rather insecure and he has several weaknesses.



Exercise: White is relying on his material advantage; we know that Morphy, both in general and in particular in this game, approached the position in a different way. How do you think he continued now?

Answer:

11...c6!

Seeking open lines and greater activity, bringing his queenside pieces into play.

12 dxc6?

Question: This move obviously helps Black's development and looks bad to me. The extra pawn doesn't look so important now. What's the explanation?

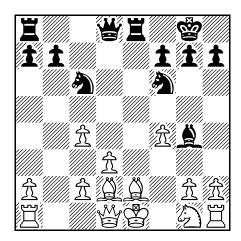
Answer: Yes, you're right. Kasparov's classic description was: "the move of roughly a third category player." It seems clear that some of Morphy's opponents did not have the same understanding as he did of the value of time and the importance of development, al-

though as Fischer pointed out, "Morphy was not responsible for his opponent's mistakes." Quite simply, chess is more advanced now, thanks precisely to the lessons of Morphy and other great players.

As Kasparov pointed out, "Absolutely essential was 12 h3 ②xe2 13 ②xe2 cxd5 14 cxd5 Wxd5 15 0-0 with an extra pawn, for which Black has some compensation, but not more."

The text move loses, as will soon be demonstrated.

12...②xc6



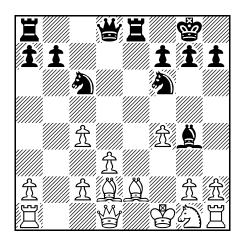
With the threat of 13... 4d4, to which there is no good defence.

13 🕸 f1

The jump of Black's knight is decisive in many lines; for instance, 13 h3 &xe2 14 公xe2 公d4, or 13 &c3 公d4 14 &xd4 營xd4 15 h3 &xe2 16 公xe2 罩xe2+! 17 含xe2 罩e8+ 18 含f1 公h5 and White's position collapses.

Exercise (easy): What is the clearest finish after 13 \$\displant{1}{2} - ?

Answer: The most convincing line is 13... $\$ b6+ 14 $\$ g3 $\$ xe2 15 $\$ xe2 $\$ d4 or 14... $\$ xe2 15 $\$ xe2 $\$ e3+! and wins. Note that 13... $\$ xe2+? 14 $\$ xe2 $\$ d4 would be a mistake, because White can defend with 15 $\$ e1.



Exercise: How did Morphy conclude the game?

Answer: "Disaster strikes on e2" - Kasparov.

13...**≝xe**2!

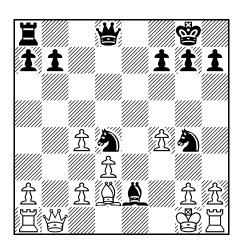
This move maintains the pin and increases the power of the knight's incursion at d4.

14 ②xe2 ②d4 15 ≝b1 &xe2+

Now Black has both a material advantage and the attack.

16 🕏 f2 🖄 g4+ 17 🕏 g1

After 17 \$\displant{e}e1\$, the quickest win is with 17...\displant{e}h4+! (forcing White to weaken f3) 18 g3 \displant{e}e7, while if 17 \$\displant{e}q3\$ then 17...\displant{e}f5+ 18 \$\displant{e}h3 &\displant{e}f2\$ mate.



The position is winning for Black. It does not require great imagination to perceive the irremediable weakness of the white king.

Exercise: How did Morphy begin his mating attack?

Answer:

17...**②**f3+!

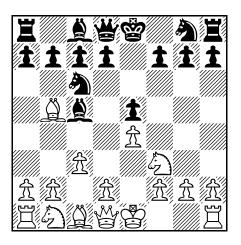
And with an analysis engines at our elbow we can safely announce that it is mate in a further six moves.

18 gxf3 \(\delta\)d4+ 19 \(\delta\)g2 \(\delta\)f2+ 20 \(\delta\)h3 \(\delta\)xf3+ 21 \(\delta\)h4 0-1

As Morphy announced mate in three: 21...心e3 22 罩g1 心f5+ 23 堂g5 營h5 mate.

Game 12 P.Morphy-J.Schulten Blindfold game, New York 1857 Ruy Lopez [C64]

1 e4 e5 2 🖒 f3 🖒 c6 3 😩 b5 🗟 c5 4 c3



4...**∮**ge7

A fully playable developing move. Other options are 4... 66, 4... f5, and the rarer 4... f6. **5 0-0 0-0?!**

Question: Now you've got me confused. How can such a natural move be dubious? Explain please.

Answer: You're right, it is not clear that this move is objectively bad. But it does require Black to follow it up extremely accurately. Retreating the c5-bishop with 5... b6 is more precise, in order to answer 6 d4 with 6... exd4 7 cxd4 d5!.