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Kasparov simul vs 32 micro Hamburg 1985,

a [simultaneous exhibition](#) of [Garry Kasparov](#) playing 32 chess computers in [Hamburg](#), June 06, [1985](#), organized by the German weekly magazine [Der Spiegel](#), [Computerschach und Spiele](#) and [ChessBase](#) ^[1]. He won with a perfect 32-0 score. The computers were [dedicated units](#), except two experimental [Mephisto](#) entries, [Genius 68000](#) and [Rebell Experimental](#) which ran on general purpose computers operated by their authors [Richard Lang](#) and [Ed Schröder](#). There were eight entries each by [Hegener & Glaser](#), [Fidelity Electronics](#), [Novag](#) and [SciSys](#) with programs by [Ulf Rathsmann](#), Lang and Schröder, [Dan](#) and [Kathe Spracklen](#), [David Kittinger](#), and [Julio Kaplan](#) and [Craig Barnes](#).

Quotes

According to Kasparov, one [Turbostar 432](#) might have [missed the win](#) with 37...Qa4 instead of Qb3 ^[2]. Kasparov's quote in *Chess Metaphors: Artificial Intelligence and the Human Mind* by [Diego Rasskin-](#)

[Gutman](#) on that game [\[3\]](#) [\[4\]](#) :

At one point I realized that I was drifting into trouble in a game against one of the "Kasparov" brand models. If this machine scored a win or even a draw, people would be quick to say that I had thrown the game to get PR for the company, so I had to intensify my efforts. Eventually I found a way to trick the machine with a sacrifice it should have refused. From the human perspective, or at least from my perspective, those were the good old days of man vs. machine chess.

Photos

[\[5\]](#)



Garry vs [Mephisto](#), [Richard Lang](#) and [Ed Schröder](#) operating their programs



Garry Kasparov vs [Superstar 36K \(32\)](#) just before 51.Dxg7. [Dirk Frickenschmidt](#) and [GM Helmut Pfleger](#) kibitzing

Games

[\[6\]](#) [\[7\]](#)

Hegener & Glaser

[Event "Kasparov sim-32 (1)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Mephisto Exclusive B+P](#)"]
[Result "1-0"]

1.c4 e6 2.Nc3 d5 3.d4 c5 4.e3 cxd4 5.exd4 Nf6 6.Nf3 Be7 7.cxd5 exd5
8.Bb5+ Bd7
9.Bxd7+ Nbx7 10.O-O O-O 11.Qb3 Nb6 12.Ne5 Rc8 13.Re1 Re8 14.Bg5 Nh5
15.Be3 Bd6
16.h3 Bxe5 17.dxe5 Rxe5 18.Bxb6 Rxe1+ 19.Rxe1 Qxb6 20.Qxb6 axb6
21.Nxd5 Kf8
22.Nxb6 Rc7 23.a4 Nf4 24.Rd1 g5 25.b4 h5 26.a5 Ke8 27.b5 Rc5 28.Rb1
Ne6 29.Na4
Re5 30.a6 bxa6 31.b6 Nd8 32.b7 Nxb7 33.Rxb7 Ra5 34.Nc3 f5 35.Rh7 Rc5
36.Ne2 h4
37.Rg7 f4 38.Nd4 Rd5 39.Nf3 a5 40.Rxg5 Rxg5 41.Nxg5 a4 42.Ne4 a3
43.Nc3 1-0

[Event "Kasparov sim-32 (2)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Mephisto Munchen B+P](#)"]
[Result "1-0"]

1.e4 c5 2.Nf3 d6 3.d4 cxd4 4.Nxd4 Nf6 5.Nc3 a6 6.a4 e5 7.Nf3 Bg4 8.h3
Bxf3
9.Qxf3 Be7 10.Bc4 O-O 11.O-O Nbd7 12.Bg5 Rc8 13.Bb3 Nc5 14.Bxf6 Bxf6
15.Nd5 Nxb3
16.Qxb3 a5 17.c3 Bg5 18.Rad1 Rb8 19.Qb5 Rc8 20.Rd3 Qe8 21.Qxe8 Rfxe8
22.Ra1 Rc4
23.f3 Bd8 24.Kf2 Rc6 25.Ke2 h6 26.b4 axb4 27.cxb4 Bg5 28.Ra2 Rec8
29.a5 Rc1
30.Rd1 Rxd1 31.Kxd1 Rc6 32.Rc2 Rxc2 33.Kxc2 Bd8 34.Kb3 g6 35.Ka4 Kg7
36.b5 Bh4
37.a6 bxa6 38.bxa6 Bf2 39.Kb5 Ba7 40.Kc6 f5 41.Kb7 Bd4 42.Nb6 1-0

[Event "Kasparov sim-32 (3)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]

[Black "[Mephisto Genius 68000](#)"]

[Result "1-0"]

1.e4 e5 2.Nf3 Nc6 3.Bb5 a6 4.Ba4 d6 5.O-O Bg4 6.c3 Nf6 7.Re1 b5 8.Bb3
Be7 9.h3
Bxf3 10.Qxf3 O-O 11.d3 Na5 12.Bc2 Qd7 13.Nd2 Nc6 14.Nf1 d5 15.Ne3 Rfd8
16.Nf5 dxe4
17.dxe4 Rab8 18.Bg5 Na5 19.Qg3 Qe6 20.Re3 g6 21.Nxe7+ Qxe7 22.Qh4 Rb6
23.Rf3 Rdd6
24.Rd1 Re6 25.Rfd3 Rbd6 26.Rxd6 cxd6 27.a4 Nc4 28.b3 Na5 29.axb5 axb5
30.Ra1 Qc7
31.b4 Qxc3 32.Rxa5 Ne8 33.Bh6 Qxc2 34.Ra8 Qb1+ 35.Kh2 f6 36.Rxe8+ Kf7
37.Rh8 Qd1
38.Rxh7+ Ke8 39.Be3 Re7 40.Rxe7+ Kxe7 41.Qh7+ 1-0

[Event "Kasparov sim-32 (4)"]

[Site "Hamburg"]

[Date "1985.06.06"]

[Round "?"]

[White "Kasparov Garry"]

[Black "[Mephisto Rebell Experimental](#)"]

[Result "1-0"]

1.e4 e5 2.Nf3 Nc6 3.Bb5 a6 4.Ba4 Nf6 5.O-O Be7 6.Re1 b5 7.Bb3 d6 8.c3
O-O 9.h3 Na5
10.Bc2 c5 11.d4 Qc7 12.d5 Bd7 13.b3 c4 14.b4 Nb7 15.Be3 a5 16.a3 axb4
17.cxb4 c3
18.Bg5 h6 19.Bxf6 Bxf6 20.Re3 Rfc8 21.Nxc3 Ra7 22.Qd2 Be7 23.Bd1 Rca8
24.Qb2 Ra6
25.Be2 Rb6 26.Bf1 Rc8 27.Rc1 Qd8 28.Ree1 Bg5 29.Nxg5 Qxg5 30.g3 Ra8
31.Nd1 Qh5 32.h4
Nd8 33.Ne3 Rb7 34.Rc3 f5 35.exf5 Bxf5 36.Rec1 Qf7 37.Nxf5 Qxf5 38.Qc2
Qxc2 39.Rlxc2
Kf8 40.Bd3 Ke8 41.Kf1 Nf7 42.Rc7 Rxc7 43.Rxc7 Rxa3 44.Bxb5+ Kf8
45.Rc8+ Ke7 46.Re8+
Kf6 47.g4 g6 48.Re6+ Kg7 49.Be8 Ra6 50.b5 Ra4 51.Bc6 Rxg4 52.b6 Rxh4
53.b7 Rh1+
54.Kg2 Rb1 55.Re8 1-0

[Event "Kasparov sim-32 (5)"]

[Site "Hamburg"]

[Date "1985.06.06"]

[Round "?"]

[White "Kasparov Garry"]

[Black "[Mephisto Exclusive B+P](#)"]

[Result "1-0"]

1.d4 d5 2.c4 c6 3.Nf3 dxc4 4.e3 Bg4 5.Bxc4 e6 6.h3 Bxf3 7.Qxf3 Bb4+
8.Nc3 Nf6 9.O-O
Nbd7 10.Rd1 O-O 11.e4 b5 12.Bb3 e5 13.d5 Bxc3 14.dxc6 Bd4 15.cxd7 Nxd7
16.Be3 Bxe3
17.Qxe3 a6 18.Rac1 Rc8 19.Qa7 Rxc1 20.Rxc1 Nf6 21.Qxa6 Nxe4 22.Rd1 Qh4
23.Qa7 Qf4
24.Qe3 Qxe3 25.fxe3 Nf6 26.Rc1 Ne4 27.Rc7 Nd6 28.Rc5 Re8 29.Kf1 Nf5
30.Ke2 Nd6 31.Bd5
Rf8 32.Kd3 Rd8 33.Kc3 Nf5 34.e4 Ne3 35.Rxb5 Nxg2 36.a4 Nf4 37.a5 Nxh3
38.a6 Nf4 39.a7
Rc8+ 40.Kd2 Ng6 41.Rb8 1-0

[Event "Kasparov sim-32 (6)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Mephisto Modular B+P](#)"]
[Result "1-0"]

1.d4 Nf6 2.c4 e6 3.g3 d5 4.Bg2 c5 5.cxd5 cxd4 6.dxe6 fxe6 7.Nf3 Nc6
8.O-O Bc5 9.Nbd2
e5 10.b4 Nxb4 11.Nxe5 Qe7 12.Qa4+ Kf8 13.Ndf3 b5 14.Qd1 Bb7 15.Ba3 a5
16.Rc1 Ne4
17.Rxc5 Nxc5 18.Qxd4 Kg8 19.Rc1 Ne6 20.Qe3 Qe8 21.Bxb4 axb4 22.Bh3 Bd5
23.Qb6 Bxa2
24.Ra1 Nf8 25.Qd4 Be6 26.Rxa8 Qxa8 27.Bxe6+ Nxe6 28.Qxb4 Qd5 29.Qe7
Nf8 30.Nd4 Qa2
31.e4 Ng6 32.Qe8+ Nf8 33.Kg2 g6 34.Qxb5 Ne6 35.Qe8+ Nf8 36.h4 h5
37.Nxg6 Rh6 38.Qxf8+
Kh7 39.Nf4 Qg8 40.Qxg8+ Kxg8 41.Nf5 Rh7 42.e5 Rh8 43.e6 1-0

[Event "Kasparov sim-32 (7)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Mephisto Exclusive B+P](#)"]
[Result "1-0"]

1.e4 c5 2.Nf3 e6 3.d3 d5 4.Nbd2 Nc6 5.g3 Nf6 6.Bg2 Bd6 7.O-O O-O 8.Re1
Ng4 9.h3 Nge5
10.Nxe5 Bxe5 11.c3 d4 12.c4 b6 13.f4 Bb8 14.e5 Bb7 15.Ne4 a5 16.Qh5
Qd7 17.Nf6+ gxf6
18.exf6 Kh8 19.Be4 h6 20.Qxh6+ Kg8 21.Qg7+ 1-0

[Event "Kasparov sim-32 (8)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Mephisto Exclusive S](#)"]
[Result "1-0"]

1.e4 Nf6 2.e5 Nd5 3.d4 d6 4.Nf3 Bg4 5.Be2 c6 6.Ng5 Bf5 7.a3 dxe5
8.dxe5 f6 9.Nf3 Nd7
10.Nd4 Bg6 11.e6 Nc5 12.b4 Ne4 13.Bb2 Qd6 14.O-O Ng5 15.Nd2 Nxe6
16.Nc4 Qd7 17.Bg4 Ndf4
18.Nxe6 Qxd1 19.Raxd1 Nxe6 20.Bxe6 Bxc2 21.Rd2 Ba4 22.Re1 Rb8 23.h4
Bb3 24.f4 Rd8
25.Rxd8+ Kxd8 26.f5 Bxc4 27.Bxc4 g6 28.Rd1+ Kc7 29.Be6 Kb8 30.Rd8+ Kc7
31.Ra8 a6 32.Bd4
Bg7 33.Rxh8 1-0

Fidelity Electronics

[Event "Kasparov sim-32 (9)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Fidelity Playmatic](#)"]
[Result "1-0"]

1.e4 d6 2.d4 Nf6 3.Nc3 g6 4.Be2 Bg7 5.h4 O-O 6.h5 gxh5 7.Bxh5 Nc6
8.Be3 e5 9.d5 Nd4
10.Nge2 Nxh5 11.Nxd4 exd4 12.Qxh5 h6 13.Bxh6 Qf6 14.Bxg7 Qxg7 15.Ne2
Bg4 16.Qh4 Bxe2
17.Kxe2 Rae8 18.Rae1 Re5 19.Kf1 Rfe8 20.Rh3 Rg5 21.Qxg5 Qxg5 22.Rg3
Qxg3 23.fxg3 c5
24.Kf2 c4 25.g4 Kg7 26.Kf3 Kf6 27.Kf4 Rg8 28.Rd1 c3 29.b3 b5 30.Rxd4
a5 31.a4 b4
32.Rd3 Kg6 33.e5 dxe5 34.Kxe5 Re8+ 35.Kf4 Kf6 36.d6 Rd8 37.d7 Ke7
38.Re3+ Kxd7 39.Rd3+
Ke7 40.Rxd8 1-0

[Event "Kasparov sim-32 (10)"]
[Site "Hamburg"]
[Date "1985.06.06"]

[Round "?"]
[White "Kasparov Garry"]
[Black "[Elite Private Line](#)"]
[Result "1-0"]

1.d4 d5 2.c4 dxc4 3.e4 e5 4.Nf3 Bb4+ 5.Nc3 exd4 6.Nxd4 c5 7.Nb5 Qxd1+
8.Kxd1 Kd7 9.Bf4
Bxc3 10.bxc3 Nc6 11.Kc2 g5 12.Bxg5 Ne5 13.Bf4 f6 14.Bxe5 fxe5 15.Bxc4
Nf6 16.Rad1+ Ke7
17.Nc7 Rb8 18.Nd5+ Kf7 19.Nxf6 Kxf6 20.Rd6+ Kg7 21.Rhd1 b5 22.Be6 Rf8
23.f3 Kh8 24.R1d5
Re8 25.Bxc8 Rbxc8 26.Rd7 a6 27.Ra7 Rc6 28.h4 Kg8 29.h5 h6 30.Rdd7 Rf6
31.Rg7+ Kf8 32.g4
Ree6 33.Rh7 Kg8 34.Rhc7 Rxf3 35.Rxc5 Rf7 36.Rc8+ Kg7 37.Raa8 Rf2+
38.Kb3 Rf4 39.Rg8+ Kh7
40.Rh8+ Kg7 41.Rag8+ Kf7 42.g5 hxg5 43.Rxg5 Rxe4 44.Rh7+ Kf8 45.h6 Rh4
46.Rh8+ Ke7 47.Rg7+
Kd6 48.h7 Reh6 49.Rd8+ Ke6 50.Rdd7 e4 51.Rge7+ Kf6 52.Kb4 e3 53.Ka5
Ra4+ 54.Kb6 Kf5 55.Kb7
Rxa2 56.Rxe3 Rah2 57.Rf7+ Kg6 58.Ref3 Rxh7 59.Rxh7 Kxh7 60.Kxa6 Rh5
61.Rg3 Rd5 62.Kb6 Re5
63.Ka5 Rd5 64.Kb4 Re5 65.Rg2 Rf5 66.Ra2 Kg6 67.Ra5 Rf3 68.Rxb5 Rf4+
69.c4 Kf6 70.Rd5 Ke7
71.Rd1 Rf2 72.Kb5 Rc2 73.c5 Rb2+ 74.Ka6 1-0

[Event "Kasparov sim-32 (11)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Fidelity SC 12](#)"]
[Result "1-0"]

1.d4 Nf6 2.Nf3 g6 3.Bg5 Bg7 4.Nbd2 d5 5.e3 Nc6 6.c3 h6 7.Bh4 Bf5 8.Bb5
O-O 9.O-O a6
10.Bxc6 bxc6 11.Ne5 Qd6 12.Bg3 Nh5 13.Nxf7 Qe6 14.Ne5+ Rab8 15.Nb3
Nxg3 16.hxg3 Bxe5
17.dxe5 Qxe5 18.Qd4 Qd6 19.c4 e5 20.Qc3 Kh7 21.Rad1 Bg4 22.Rd2 Ra8
23.Rc1 Ra7 24.cxd5
cxd5 25.Qc5 Qxc5 26.Rxc5 Be6 27.f4 e4 28.Nd4 Bg8 29.Rdc2 Rc8 30.b4 Rb7
31.a3 h5 32.Kf2
Kg7 33.Ra5 Rb6 34.Ke2 Bf7 35.Kd2 Bg8 36.Rac5 Rb7 37.Rc6 Ra7 38.f5 g5
39.Rg6+ Kh7 40.Rcc6
1-0

[Event "Kasparov sim-32 (12)"]

[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Fidelity Excellence](#)"]
[Result "1-0"]

1.d4 Nf6 2.c4 d6 3.Nc3 e5 4.Nf3 Nbd7 5.e4 Be7 6.Be2 O-O 7.O-O Re8 8.d5
Nc5 9.Qc2 a5 10.Be3 b6
11.Nd2 Ng4 12.Bxg4 Bxg4 13.a3 Bg5 14.Rae1 Bxe3 15.Rxe3 Qd7 16.h3 Bh5
17.b4 axb4 18.axb4 Na4
19.Nb5 Ra6 20.Ra3 Rea8 21.Rfa1 Nc5 22.bxc5 Rxa3 23.Rxa3 Rxa3 24.Nxa3
dxc5 25.Nb5 Qd8 26.Nf1 f6
27.Ne3 Be8 28.Qa2 Bxb5 29.cxb5 h6 30.Qa7 Qd7 31.Qa8+ Kh7 32.Qc6 Qf7
33.Qe6 1-0

[Event "Kasparov sim-32 (13)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Elite A/S Experimental](#)"]
[Result "1-0"]

1.d4 d5 2.c4 dxc4 3.e3 b5 4.a4 Ba6 5.axb5 Bxb5 6.Nc3 c6 7.b3 e6 8.bxc4
Ba6 9.Nf3 Nf6 10.Bd3
Bd6 11.O-O O-O 12.e4 Bb4 13.Qc2 Nh5 14.e5 f5 15.exf6 Nxf6 16.Re1 Bc8
17.Bb2 a5 18.Rad1 Ra7
19.Ne5 a4 20.Re3 a3 21.Ba1 Bb7 22.Ne2 Nbd7 23.Nf4 Re8 24.Rh3 Nf8 25.g4
h6 26.g5 hxg5 27.Nfg6
N8h7 28.Nh8 g6 29.Bxg6 Nf8 30.Nhf7 Qe7 31.d5 cxd5 32.Nh6+ Kg7 33.Bxe8
Qxe8 34.Neg4 Be7 35.Ng8
Kxg8 36.Bxf6 Ng6 37.Bxe7 1-0

[Event "Kasparov sim-32 (14)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Elite A/S Experimental](#)"]
[Result "1-0"]

1.e4 c5 2.c3 Nf6 3.e5 Nd5 4.d4 cxd4 5.Nf3 Nc6 6.Bc4 Nb6 7.Bb3 dxc3
8.Nxc3 e6 9.Ne4 f6 10.Nd6+
Bxd6 11.exd6 O-O 12.O-O a5 13.a3 a4 14.Ba2 Ra5 15.Be3 Ne5 16.Rc1 Nd5
17.Bd2 Rb5 18.Nd4 Rxb2

19.Bxd5 exd5 20.Bc3 Ra2 21.Qxa4 Nd3 22.Qb3 Rxf2 23.Rxf2 Nxc1 24.Qc2
Qb6 25.Qxc1 Re8 26.Nf5 Qc5
27.Qd2 Re4 28.h3 Re8 29.Bd4 Qxa3 30.Ne7+ Rxe7 31.dxe7 Qxe7 32.Qc3 Qf8
33.Rc2 Kf7 34.Qxc8 1-0

[Event "Kasparov sim-32 (15)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Elite A/S Experimental](#)"]
[Result "1-0"]

1.d4 Nf6 2.c4 g6 3.Nc3 d5 4.cxd5 Nxd5 5.e4 Nxc3 6.bxc3 Bg7 7.Nf3 c5
8.Rb1 Nc6 9.d5 Bxc3+
10.Bd2 Bxd2+ 11.Qxd2 Na5 12.Bb5+ Bd7 13.Bxd7+ Kxd7 14.O-O b6 15.e5 Ke8
16.Rbd1 h6 17.Rfe1
Rc8 18.e6 f6 19.Qc2 Rg8 20.Qa4+ Kf8 21.d6 Kg7 22.dxe7 Qe8 23.Rd7 Nc6
24.h4 Rh8 25.h5 gxh5
26.Nh4 Nd4 27.Re3 a5 28.Rxd4 cxd4 29.Qxd4 Rc1+ 30.Kh2 Rc5 31.f4 Rg5
32.fxg5 hxg5 33.Nf5+
Kg6 34.Qe4 Qb8+ 35.Kh1 1-0

[Event "Kasparov sim-32 (16)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Elite Privat](#)"]
[Result "1-0"]

1.d4 d5 2.c4 dxc4 3.Nf3 Nf6 4.Nc3 Bf5 5.Ne5 Nd5 6.e3 Nxc3 7.bxc3 Nd7
8.Nxf7 Kxf7 9.Qf3 Kg6
10.Bxc4 h5 11.e4 Bg4 12.Qf7+ Kh7 13.f3 Qe8 14.fxg4 Qxf7 15.Bxf7 hxg4
16.e5 c5 17.Bf4 cxd4
18.cxd4 g6 19.Be6 Rd8 20.h3 gxh3 21.Rxh3+ Kg7 22.Rxh8 Kxh8 23.Ke2 g5
24.Bxg5 Kg7 25.Rf1 Kg6
26.Be3 Bh6 27.Bxh6 Kxh6 28.Rf7 Nf8 29.Bf5 Re8 30.Ke3 b5 31.d5 Kg5
32.Ke4 b4 33.Rg7+ Kh6
34.Rg8 a5 35.g4 e6 36.dxe6 1-0

Novag

[Event "Kasparov sim-32 (17)"]

[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Constellation 3.6](#)"]
[Result "1-0"]

1.e4 e5 2.Nf3 Nc6 3.Bb5 a6 4.Ba4 Nf6 5.O-O Be7 6.Bxc6 dxc6 7.d3 Nd7
8.Nbd2 O-O 9.Nc4 f6
10.Nh4 Nb6 11.Ne3 Bc5 12.Kh1 Be6 13.Nef5 Qd7 14.Bd2 Rad8 15.Qe2 Bd4
16.Nxd4 Qxd4 17.Bc3
Qc5 18.a4 Rd7 19.Qe1 Rfd8 20.f4 exf4 21.Rxf4 Qg5 22.Qf2 Nc8 23.Nf5 Re8
24.Rf1 Nd6 25.h4
Qg6 26.g4 Bxf5 27.gxf5 Qf7 28.Qf3 Qa2 29.Rg1 Kh8 30.Rfg4 Ree7 31.Qg2
Ne8 32.b3 Qa3 33.h5
Qc5 34.Bb2 Qe3 35.Bc1 Qd4 36.h6 Qe5 37.Bf4 Qd4 38.hxg7 Rxg7 39.Bh6 Rg5
40.Bxg5 fxg5
41.Rxg5 Ng7 42.Rxg7 Rxg7 43.Qxg7+ Qxg7 44.Rxg7 Kxg7 1-0

[Event "Kasparov sim-32 (18)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Constellation 3.6](#)"]
[Result "1-0"]

1.d4 d5 2.c4 dxc4 3.e4 e5 4.Nf3 exd4 5.Bxc4 Nc6 6.O-O Nf6 7.Qb3 Qd7
8.Ng5 Ne5 9.Bb5 c6
10.f4 Neg4 11.Bc4 Nh6 12.Nd2 Bc5 13.Ndf3 O-O 14.Ne5 Qe7 15.h3 Bd6
16.Nef3 Bc5 17.Bd3 Ne8
18.e5 Bf5 19.g4 Bxd3 20.Qxd3 f5 21.exf6 Nxf6 22.Bd2 Rfd8 23.Rae1 Qd6
24.Ne6 Re8 25.Nxc5
Qxc5 26.g5 Rxe1 27.Rxe1 Qf5 28.Qxf5 Nxf5 29.gxf6 gxf6 30.Kf2 Kf7 31.b4
Rd8 32.Ke2 d3
33.Kf2 Kg6 34.Re4 Kf7 35.Bc3 Rd7 36.Nd2 Rd8 37.Nb3 Rd6 38.a4 Rd5
39.Re1 b6 40.Nd2 c5
41.bxc5 Rxc5 42.Ne4 Rc4 43.Kf3 Rxa4 44.Bxf6 a5 45.Bc3 Nd4+ 46.Bxd4
Rxd4 47.Ke3 d2 48.Nxd2
Ra4 49.Rb1 Ra3+ 50.Ke4 Rxh3 51.Rxb6 a4 52.Ra6 Ra3 53.Nc4 Ra2 54.Kf5
Ra1 55.Ra7+ Kg8 56.Ne5
a3 57.Kf6 h6 58.Ra8+ Kh7 59.Ng6 1-0

[Event "Kasparov sim-32 (19)"]
[Site "Hamburg"]
[Date "1985.06.06"]

[Round "?"]
[White "Kasparov Garry"]
[Black "[Super Constellation](#)"]
[Result "1-0"]

1.e4 e5 2.Nf3 Nc6 3.Bb5 a6 4.Ba4 Nf6 5.O-O Be7 6.Re1 b5 7.Bb3 O-O 8.c3
d6 9.h3 Na5
10.Bc2 c5 11.d4 Qc7 12.d5 Nc4 13.a4 Bd7 14.b3 Nb6 15.a5 Nc8 16.b4 cxb4
17.cxb4 Ne8
18.Nbd2 f5 19.exf5 Bxf5 20.Ne4 Bxh3 21.gxh3 Rxf3 22.Qxf3 Qxc2 23.Qg4
Qc4 24.Bg5 Qxd5
25.Rac1 Bxg5 26.Rxc8 Be7 27.Nc3 Qb7 28.Rxa8 Qxa8 29.Qe6+ Kf8 30.Nd5
Qa7 31.Rc1 Bh4
32.Qf5+ Qf7 33.Qxf7+ Kxf7 34.Rc6 Ke6 35.Nc3 Bg5 36.Rxa6 Bd2 37.Nxb5
Bxb4 38.Ra8 Kd7
39.a6 Bc5 40.a7 Bxa7 1-0

[Event "Kasparov sim-32 (20)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Super Constellation](#)"]
[Result "1-0"]

1.c4 c5 2.Nf3 Nf6 3.Nc3 d5 4.cxd5 Nxd5 5.e4 Nxc3 6.bxc3 g6 7.d4 Bg7
8.Be3 Qa5 9.Qd2 O-O
10.Rc1 cxd4 11.cxd4 Qxd2+ 12.Kxd2 Nc6 13.d5 Rd8 14.Ke1 Ne5 15.Nxe5
Bxe5 16.f4 Bd6 17.Kf2
e5 18.g3 f5 19.Bc5 exf4 20.Bxd6 Rxd6 21.e5 Rb6 22.gxf4 Rb4 23.Kg3 Rb2
24.Bc4 b5 25.Bb3
a5 26.d6 Kh8 27.Rhd1 Bb7 28.d7 Rd8 29.e6 Rg2+ 30.Kh3 Re2 31.Bd5 Re3+
32.Kg2 Rxe6 33.Bxb7
Rf6 34.Rc8 1-0

[Event "Kasparov sim-32 (21)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Super Constellation](#)"]
[Result "1-0"]

1.c4 c5 2.Nf3 Nc6 3.d4 cxd4 4.Nxd4 e6 5.g3 Bb4+ 6.Bd2 Qb6 7.Nb3 Nf6
8.Bg2 Ne5 9.Qc2 d5
10.cxd5 exd5 11.O-O O-O 12.Nc3 d4 13.Na4 Qd6 14.Nac5 Bxc5 15.Qxc5 Qxc5

16.Nxc5 Bg4
17.Rfe1 Rac8 18.Nxb7 Rc2 19.Bb4 Rfc8 20.Bd6 Nfd7 21.f3 Be6 22.b3 Bd5
23.Bxe5 Nxe5 24.Nd6
Rd8 25.Nb5 Nc6 26.Rad1 Rxa2 27.Nxd4 Re8 28.e4 Nxd4 29.exd5 Rxe1+
30.Rxe1 Kf8 31.d6 Rd2
32.f4 Nf5 33.Ra1 Nxd6 34.Rxa7 h6 35.Ra5 Ke7 36.Re5+ Kd7 37.Re3 Nb5
38.Bf1 Nd4 39.Bc4 f5
40.h3 Kc6 41.g4 Kc5 42.gxf5 Kb4 43.Be6 Rb2 44.Rd3 Nxb3 45.Rxb3+ Rxb3
46.Bxb3 Kxb3 47.Kf2
Kc4 48.Ke3 Kd5 49.h4 Kd6 50.Ke4 Ke7 51.Ke5 Kf7 52.h5 Ke7 53.f6+ gxf6
54.Kd5 Kd7 55.f5 Ke7
56.Kc6 Kf8 57.Kd7 Kf7 58.Kd6 Kg8 59.Ke6 Kg7 60.Ke7 1-0

[Event "Kasparov sim-32 (22)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Super Constellation](#)"]
[Result "1-0"]

1.c4 c5 2.Nc3 Nf6 3.g3 d5 4.cxd5 Nxd5 5.Bg2 Nc7 6.Qb3 Nd7 7.Nf3 e5 8.O-O
Be7 9.e3 O-O
10.Rd1 Ne6 11.Nd5 Kh8 12.Qc2 f5 13.d3 Bd6 14.b3 b5 15.d4 e4 16.Ne5
Nxe5 17.dxe5 Bxe5
18.Bb2 Bxb2 19.Qxb2 Bb7 20.Qe5 Qe8 21.Bf1 Bc6 22.Rac1 Rd8 23.Nc7 Nxc7
24.Qxc7 Rxd1
25.Rxd1 c4 26.bxc4 bxc4 27.Bxc4 f4 28.Bf7 Rxf7 29.Qxc6 Qg8 30.exf4 Re7
31.Qc5 Qe8
32.Rb1 h6 33.Rb3 Qd8 34.Kg2 a6 35.Qc4 e3 36.Rxe3 Rxe3 37.fxe3 Qd2+
38.Kf3 Qxh2 39.e4
Qh1+ 40.Kg4 Qd1+ 41.Kf5 Qf3 42.g4 g6 43.Ke5 Qxg4 44.Qf7 a5 45.Qf8+ Kh7
46.Qe7+ Kh8
47.Qd8+ Kh7 48.Qc7+ Kg8 49.Kf6 Qh4+ 50.Kxg6 Qg4+ 51.Kf6+ Qh4+ 52.Ke5
Qh5+ 53.Kd6 Qe8
54.Qc4+ Kf8 55.e5 Qe7+ 56.Kd5 Qb7+ 57.Kd4 Kg7 58.f5 Kh7 59.f6 Qb6+
60.Ke4 Qb1+ 61.Kd5
Qb7+ 62.Kd6 Qb6+ 63.Qc6 Qd4+ 64.Ke6 Qg4+ 65.Ke7 Qb4+ 66.Qd6 Qe4 67.f7
Qb7+ 68.Kf6 Qf3+
69.Ke6 Kg7 70.f8Q+ Qxf8 71.Qxf8+ Kxf8 72.Kd7 h5 73.e6 1-0

[Event "Kasparov sim-32 (23)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]

[Black "[Super Constellation](#)"]
[Result "1-0"]

1.d4 Nf6 2.c4 e6 3.Nc3 c5 4.d5 exd5 5.cxd5 d6 6.e4 g6 7.f4 Bg7 8.Bb5+
Nfd7 9.a4 O-O
10.Nf3 a6 11.Be2 Qe7 12.O-O Bxc3 13.bxc3 Qxe4 14.c4 Re8 15.Bd3 Qe7
16.Bb2 Nf6 17.Qc2
Nbd7 18.Rae1 Qf8 19.f5 Rxe1 20.Rxe1 b6 21.fxg6 hxg6 22.Bxg6 Bb7 23.Bf5
Rd8 24.Ng5 Qh6
25.Re3 Ne5 26.Rg3 Kf8 27.Qd2 Qh4 28.Nf3 Qxc4 29.Nxe5 dxe5 30.Bxe5 Qh4
31.Rh3 Rxd5
32.Rxh4 Rxd2 33.Bxf6 Rxg2+ 34.Kf1 Rg8 35.Rf4 b5 36.Rf2 Bc6 37.Rd2 Rg6
38.Rd8+ Be8
39.Bxg6 fxg6 40.axb5 1-0

[Event "Kasparov sim-32 (24)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Super Constellation](#)"]
[Result "1-0"]

1.c4 e5 2.Nc3 Nc6 3.g3 d6 4.Bg2 Be6 5.d3 Qd7 6.b4 a6 7.Rb1 Nf6 8.Nd5
Be7 9.e3 h6
10.Ne2 O-O 11.h3 Bd8 12.Nec3 Re8 13.a4 Bf5 14.g4 Bg6 15.b5 axb5
16.axb5 Na5 17.e4
c6 18.Nxf6+ Bxf6 19.h4 Be7 20.g5 cxb5 21.cxb5 f5 22.Bh3 Qc8 23.Bd2 Qc5
24.exf5 Bf7
25.f6 gxf6 26.gxf6 Bf8 27.Ne4 Qd5 28.Rg1+ Kh8 29.Qg4 Re6 30.Qf5 Ree8
31.Rg7 Bxg7
32.fxg7 Kxg7 33.Qf6+ Kg8 34.Bxh6 Qxe4+ 35.dxe4 d5 36.Qg7+ 1-0

SciSys

[Event "Kasparov sim-32 (25)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Turbostar 432](#)"]
[Result "1-0"]

1.e4 e6 2.d3 d5 3.Nd2 Bc5 4.Ngf3 Ne7 5.c3 O-O 6.d4 Bb6 7.e5 c5 8.Nb3

c4 9.Nbd2 f6
10.b3 cxb3 11.exf6 Rxf6 12.Nxb3 Qc7 13.Qc2 Nbc6 14.Bd3 h6 15.Qe2 Bd7
16.O-O Rc8
17.Bd2 Rff8 18.Rac1 Nf5 19.Rfe1 Qd6 20.g3 Qa3 21.Bf4 Nd6 22.Ne5 Nxe5
23.Bxe5 Nc4
24.Bf4 Rf6 25.Rb1 Qa4 26.Nd2 Na3 27.Rb3 Rf7 28.Qh5 Nc4 29.Qg6 Rxf4
30.Qh7+ Kf8
31.Bxc4 Qxa2 32.Rd1 dxc4 33.Rxb6 axb6 34.gxf4 Re8 35.Nf1 Qb2 36.Ng3
Qxc3 37.Nh5 Ke7
38.Qxg7+ Kd8 39.Nf6 Re7 40.Qf8+ Be8 41.d5 Qc2 42.Ra1 Qg6+ 43.Kh1 exd5
44.Ra8+ Kc7
45.Qxe7+ 1-0

The [mentioned game](#), where Turbostar 432 missed 37...Qa4:

Game and short analyze on Lichess.org : <https://fr.lichess.org/DBdg06d6>

```
[Event "Kasparov sim-32 (26)"]  
[Site "Hamburg"]  
[Date "1985.06.06"]  
[Round "?"]  
[White "Kasparov Garry"]  
[Black "Turbostar 432"]  
[Result "1-0"]
```

1.c4 e6 2.g3 Nf6 3.Bg2 d5 4.Nf3 dxc4 5.O-O c6 6.a4 Be7 7.Qc2 Nbd7
8.Qxc4 Nb6 9.Qc2
Nfd5 10.Nc3 Nb4 11.Qd1 O-O 12.d4 a5 13.e4 Bd7 14.Qe2 Be8 15.Rd1 f6
16.Be3 Bh5 17.h3
f5 18.Bf4 Qd7 19.Re1 Bxf3 20.Bxf3 Bd6 21.Bxd6 Qxd6 22.Rad1 f4 23.g4
Rad8 24.Rd2 e5
25.d5 h6 26.Red1 c5 27.Qb5 Ra8 28.Qf1 Qd7 29.b3 c4 30.bxc4 Rac8 31.g5
Nxc4 32.Ra2
Nxa2 33.Nxa2 Qxa4 34.gxh6 Qxa2 35.Qg2 Rc7 36.d6 Rd7 37.Bg4 Qb3 38.Bxd7
Qxd1+ 39.Kh2
Rf7 40.Be6 Kf8 41.h7 Nxd6 42.h8Q+ Ke7 43.Bxf7 Nxf7 44.Qhxc7 1-0

```
[Event "Kasparov sim-32 (27)"]  
[Site "Hamburg"]  
[Date "1985.06.06"]  
[Round "?"]  
[White "Kasparov Garry"]  
[Black "Turbostar 432"]  
[Result "1-0"]
```

1.c4 e5 2.g3 d5 3.cxd5 Qxd5 4.Nf3 Nf6 5.Nc3 Qa5 6.Bg2 Bb4 7.O-O Nc6
8.d3 Bxc3 9.bxc3

Qxc3 10.Bg5 Be6 11.Qa4 Nd7 12.Rfc1 Nb6 13.Qh4 Qb2 14.Bd2 Bxa2 15.Bc3
Qxe2 16.Re1 Qc2
17.Nxe5 O-O 18.Rac1 Qb3 19.Nxc6 bxc6 20.Bxc6 Rab8 21.Bxg7 Kxg7 22.Qg5+
Kh8 23.Qf6+ Kg8
24.Rc5 h6 25.Qxh6 f5 26.Qg6+ Kh8 27.Re4 Qd1+ 28.Kg2 Qf3+ 29.Kxf3 fxe4
30.Kg2 Rxf2+
31.Kxf2 Nd5 32.Bxd5 Rb2+ 33.Ke3 Bxd5 34.Rxd5 1-0

[Event "Kasparov sim-32 (28)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Turbostar 432](#)"]
[Result "1-0"]

1.d4 Nf6 2.c4 g6 3.Nc3 d5 4.cxd5 Nxd5 5.e4 Nxc3 6.bxc3 Bg7 7.Be3 O-O
8.Qd2 c5 9.Rd1
cxd4 10.cxd4 f5 11.Bc4+ e6 12.d5 Qe8 13.exf5 b5 14.Bb3 Rxf5 15.Ne2 Bb7
16.dxe6 Bxg2
17.Rg1 Bf3 18.Nd4 Bxd4 19.Qxd4 Bxd1 20.Bh6 Rf7 21.Qxd1 Nc6 22.Kf1 Rf5
23.Qd3 Rc5
24.Be3 Rh5 25.e7 Kg7 26.Qc3+ Ne5 27.Bg5 h6 28.Qxe5+ Kh7 29.Qf6 b4
30.Bf7 Qb5+ 31.Ke1
Qd3 32.e8Q Rxe8+ 33.Bxe8 Qe4+ 34.Kd2 Qxe8 35.Qe7+ Qxe7 36.Bxe7 Rxh2
37.Ke2 a5 38.Rc1
Rh3 39.Rc7 Kg8 40.Bf6 Ra3 41.Rg7+ Kf8 42.Rxg6 Rxa2+ 43.Kf3 h5 44.Rh6
Ra3+ 45.Ke4 Rh3
46.Kf5 Kf7 47.Rh7+ Kg8 48.Kg6 Rg3+ 49.fxg3 b3 50.Rh8+ 1-0

[Event "Kasparov sim-32 (29)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Superstar 36K](#)"]
[Result "1-0"]

1.d4 d5 2.c4 e6 3.Nc3 Nf6 4.Nf3 Bb4 5.cxd5 exd5 6.Bg5 h6 7.Bh4 O-O
8.e3 Bxc3+ 9.bxc3
Be6 10.Bd3 c5 11.O-O c4 12.Bc2 Nbd7 13.Ne5 Qa5 14.Bxf6 Nxf6 15.Qe1 Nd7
16.f4 Nxe5
17.fxe5 Rfe8 18.e4 dxe4 19.Qxe4 Qxc3 20.Rad1 Kf8 21.d5 Bc8 22.e6 Re7
23.Qh7 Rxe6
24.dxe6 Qe3+ 25.Kh1 Bxe6 26.Qh8+ Ke7 27.Qxa8 Qb6 28.Qg8 Qa5 29.Qxg7
1-0

[Event "Kasparov sim-32 (30)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Superstar 36K](#)"]
[Result "1-0"]

1.d4 Nf6 2.Nf3 g6 3.c4 Bg7 4.Nc3 d5 5.cxd5 Nxd5 6.e4 Nxc3 7.bxc3 c5
8.Rb1 O-O 9.Be2
Nc6 10.d5 Bxc3+ 11.Bd2 Bxd2+ 12.Qxd2 Na5 13.h4 f5 14.h5 fxe4 15.hxg6
hxg6 16.Qh6 Kf7
17.Ne5+ Kf6 18.Nxg6 Bf5 19.Nxf8 Ke5 20.Qg7+ Kd6 21.Rh6+ Kc7 22.d6+ Kc8
23.dxe7 Qe8
24.Qe5 Nc6 25.Qxf5+ Kb8 26.Rxc6 a5 27.Rc8+ Qxc8 28.Qxc8+ Kxc8 29.e8Q+
1-0

[Event "Kasparov sim-32 (31)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]
[Black "[Superstar 36K](#)"]
[Result "1-0"]

1.d4 Nf6 2.c4 c5 3.d5 b5 4.cxb5 a6 5.b6 Bb7 6.Nc3 Qxb6 7.e4 g6 8.e5
Ng8 9.Nf3 Bg7
10.Bc4 Nh6 11.O-O O-O 12.Re1 Nf5 13.Qd3 f6 14.d6 e6 15.Ne4 fxe5
16.Nfg5 h6 17.Nf3
Nc6 18.Be3 Nb4 19.Qb1 Bxe4 20.Qxe4 Nxd6 21.Qxg6 Nf5 22.Nxe5 Rf6
23.Nxd7 Rxg6 24.Nxb6
Re8 25.Rad1 Nh4 26.Bxc5 Nf3+ 27.Kf1 Nxe1 28.Rxe1 a5 29.a3 Nc2 30.Re2
Nd4 31.Re4 Nc6
32.b4 axb4 33.axb4 Ne5 34.Be2 Nf7 35.f4 e5 36.Bc4 Rg4 37.g3 Rd8 38.Be6
Rg6 39.f5 Rg5
40.Be7 Rd1+ 41.Ke2 Rh1 42.Bxg5 Rxh2+ 43.Kf3 hxg5 44.Nd7 Rb2 45.Rc4 e4
46.Kxe4 Rd2
47.Rc8+ Kh7 48.Nf8+ Bxf8 49.Rxf8 Nh6 50.b5 Kg7 51.Rc8 Re2+ 52.Kd5 Rb2
53.Kc6 1-0

[Event "Kasparov sim-32 (32)"]
[Site "Hamburg"]
[Date "1985.06.06"]
[Round "?"]
[White "Kasparov Garry"]

[Black "[Superstar 36K](#)"]
[Result "1-0"]
[ECO "B15/08"]

1.e4 c6 2.d4 d5 3.Nd2 dxe4 4.Nxe4 Nf6 5.Nxf6+ exf6 6.c3 Bd6 7.Bd3 O-O
8.Qc2 h6
9.Ne2 Qc7 10.Be3 Bg4 11.h3 Be6 12.Qd2 Nd7 13.Nf4 Nb6 14.Nxe6 fxe6 15.O-O Nd5
16.Rfe1 Qe7 17.Rad1 Bc7 18.c4 Nb4 19.Bb1 Rad8 20.a3 Na6 21.Qc2 f5
22.d5 cxd5
23.cxd5 Rxd5 24.Rxd5 exd5 25.Rd1 Qe5 26.g3 Bb6 27.Bf4 Qe6 28.Ba2 Rd8
29.Qd2 Kh7
30.Bxd5 Qc8 31.Qe2 Nc7 32.Ba2 Rxd1+ 33.Qxd1 Ne6 34.Bd2 Nd4 35.Bc3 Qd7
36.Qd3 g6
37.Qc4 Qg7 38.Kg2 Qh8 39.Qd5 Qg7 40.h4 Kh8 41.b4 h5 42.a4 a6 43.a5 Ba7
44.Qd8+
Kh7 45.Bd5 f4 46.gxf4 Ne6 47.Bxe6 Qxc3 48.Bg8+ Kg7 49.Bd5 Qd4 50.Qe7+
Kh6 51.Qf8+
Qg7 52.Qxg7+ Kxg7 53.Bxb7 Bb8 54.Bxa6 1-0

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- [Gute Taktiker, schlechte Strategen, Der Spiegel](#) 25/1985, June 17, 1985 (German)
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References

1. [^ Fast sicheren Sieg verschenkt, Der Spiegel](#) 25/1985, June 17, 1985 (German)
2. [^ Garry Kasparov vs Turbostar \(Computer\) \(1985\)](#) from [chessgames.com](#)
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