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André Danican Philidor ^[1]

Philidor,
a series of chess programs by
[David Levy's](#) and [Kevin
O'Connell's](#) software forge [Philidor
Software](#), with [David Broughton](#)
and [Mark Taylor](#) as primary
programmers. Philidor was
intended as test-bed and
development version for programs
dedicated for [SciSys'](#) and other
manufacturers chess computers,
but also to play tournaments with
an own-brand.

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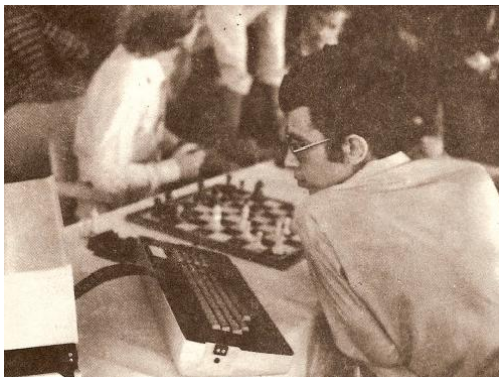
History

Philidor was initially written by Broughton in [Z80](#) ^[2] and subsequent versions in [8086 assembly](#) to either run on an [Osborne](#) and later on an [IBM PC](#) ^[3], in 1983 commercialized as [Parker Chess](#). Taylor was responsible to port it to [6502](#) assembly for the SciSys [Chess Champion Mark V](#) branch. Parker Chess and Mark V already applied the first version of [fractional ply deepening](#) with [extensions](#) and [reductions](#), aka

[SX Algorithm](#), which was somehow an early implementation of what was later called [Late Move Reductions](#) ^[4]. Philidor played the [ACM 1981](#) and [ACM 1982](#), the [European MCC 1981](#) and [European MCC 1982](#), and the [WMCCC 1981](#) in [Travemünde](#) and the [WCCC 1983](#) in [New York](#) ^[5].

Photos & Games

WMCCC 1981



[David Levy](#) operating [Philidor](#) at the [WMCCC 1981](#) ^[6]

[WMCCC 1981](#) round 1, [Fidelity X](#) - [Philidor X](#) ^[7]

```
[Event "WMCCC 1981"]
[Site "Travemünde, Germany"]
[Date "1981.09.21"]
[Round "1"]
[White "Fidelity X"]
[Black "Philidor X"]
[Result "0-1"]
```

```
1.e4 c5 2.c3 d5 3.exd5 Qxd5 4.d4 e6 5.Nf3 Nc6 6.Na3 cxd4 7.Nb5 Qd7
8.Bf4 e5 9.Bxe5 Nxe5 10.Nxe5 Qe7 11.Qe2 dxc3 12.Nc7+ Qxc7 13.Ng6+ Ne7
14.Nxh8 cxb2 15.Qxb2 Qa5+ 16.Ke2 Qa6+ 17.Kd2 Qa5+ 18.Kd1 Bg4+ 19.f3 Rd
8+
20.Ke2 Be6 21.g3 Nd5 22.Qc1 Bc5 23.Kd1 Nc3+ 24.Kc2 Bf5+ 25.Bd3 Bxd3+
26.Kd2 Ne4+ 27.Kd1 Nf2# 0-1
```

ACM 1982



[ACM 1982](#), round 4, [Philidor](#) - [Fidelity X](#) ^[8], [David Levy](#), [Dan](#) and [Kathe Spracklen](#) ^[9]

```
[Event "ACM 1982"]
[Site "Dallas USA"]
[Date "1982.10.26"]
[Round "4"]
[White "Philidor"]
[Black "Fidelity X"]
[Result "0-1"]
```

```
1.e4 c5 2.Nf3 Nc6 3.Bb5 e6 4.Nc3 a6 5.Be2 d5 6.O-O d4 7.Nb1 Nf6
8.d3 Bd6 9.Bg5 O-O 10.Na3 h6 11.Bd2 e5 12.Nc4 Bc7 13.a4 Be6 14.b3
b5 15.axb5 axb5 16.Rxa8 Qxa8 17.Nb2 Ba5 18.Bxa5 Qxa5 19.Qa1 Ra8
20.Qxa5 Rxa5 21.Rc1 Ra2 22.Rb1 Nd7 23.Nh4 Nb4 24.Bd1 g6 25.h3 Kh7
26.Nf3 f5 27.exf5 Bxf5 28.Nd2 Nd5 29.g4 Be6 30.Ne4 Nc3 31.Nxc3 dxc3
32.Nc4 bxc4 33.bxc4 Kg7 34.Kg2 Rb2 35.Ra1 Kf6 36.Ra3 Kg5 37.Rxc3 Kh4
38.Ra3 h5 39.Ra6 Nf8 40.Ra8 Nh7 41.Rh8 Nf6 42.Rf8 Nd7 43.Re8 Rb6
44.Rh8 Nf6 45.Bf3 Rb2 46.c3 Rc2 47.Rh6 Kg5 48.Rh8 Rxc3 49.gxh5
gxh5 50.Rd8 Bd7 51.Be2 Kh4 52.Rf8 Bxh3+ 53.Kh2 Rc2 54.Rxf6 Rxe2
55.Kg1 Re1+ 56.Kh2 Bf1 57.Rd6 e4 58.d4 Be2 59.dxc5 Bf3 0-1
```

See also

- [Chess Champion Mark V](#)
- [Chess legends](#)
- [Intelligent Chess](#)
- [Intelligent Software](#)
- [Intelligent Chess Software](#)
- [Parker Chess](#)
- [Philidor Software](#)
- [SEX Algorithm](#)
- [Vega](#)

Publications

- [David Levy](#) and [Kevin O'Connell](#) (1981). *The Best Chess Computer Yet?* [Chess](#), July 1981 ^[10]

External Links

- [Philidor's ICGA Tournaments](#)
- [Philidor from Wikipedia](#)
- [François-André Danican Philidor from Wikipedia](#)

References

1. [^] [Portrait from *L'analyse des échecs*. London, second edition, 1777, \[François-André Danican Philidor from Wikipedia\]\(#\)](#)
2. [^] [The Twelfth ACM's North American Computer Chess Championship](#), [pdf](#) from [The Computer History Museum](#)
3. [^] [The Fourth World Computer Chess Championship](#) (labeled 22nd ACM), [pdf](#) from [The Computer History Museum](#), [pdf](#) from [Danny Kopec](#)
4. [^] [David Levy](#), [David Broughton](#), and [Mark Taylor](#) (1989). *The [SEX Algorithm](#) in Computer Chess*. [ICCA Journal](#), Vol. 12, No. 1
5. [^] [Philidor's ICGA Tournaments](#)
6. [^] [László Lindner](#), A SZÁMÍTÓGÉPES SAKK KÉPEKBEN című melléklete - The pictures of the Beginning of Chess Computers
7. [^] [Travemünde 1981 - Chess - Round 1 - Game 1 \(ICGA Tournaments\)](#)
8. [^] [PGN Download NACCC](#) from [Computerschaak/Downloads/Games](#) hosted by [CSVN](#)
9. [^] [archive.computerhistory.org - /resources/still-image](#) from [The Computer History Museum](#)
10. [^] *The Best Chess Computer Yet?* [part 1](#), [part 2](#), [part 3](#) by [Chewbanta](#)

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