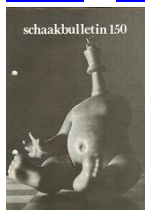


[Home](#) * [Engines](#) * **Bs6676**



[Schaakbulletin](#) 150 ^[3]

Bs'66'76,

a chess program by [Barend Swets](#), developed between 1966 and 1976, written in [Fortran](#) ^[1]. It was the first Dutch chess program ^[2] and subject of a thesis supervised by [Adriaan de Groot](#) as a [knowledge](#) based attempt to simulate a human chessplayer. It had therfor to determine a lot of positional [pattern](#) and properties, considering [open lines](#), weak squares, [pawn structure](#), [king safety](#) etc., and searched about 150 positions in three minutes.

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Tournament Play

Bs'66'76 played the [ECCC 1976](#) ^[4], the [WCCC 1977](#), the [ACM 1978](#) and [ACM 1979](#), the unofficial Dutch championship matches in 1979, where it won 2-0 from [IGM](#), and a single game in 1980, also versus IGM, which ended in a draw (see below) ^[5] and the [First Dutch Computer Chess Championship](#) in 1981.

Photos & Games

The second unofficial Dutch CC Championship 1980 at the "Open Days" of the Academic Computer Center Utrecht (ACCU) of [Utrecht University](#), a match between Bs'66'76 running on a [CDC Cyber 176](#) (ACCU) and [IGM](#) by [Peter van Diepen](#) running on a [UNIVAC 418 III](#) from [Hoogovens](#) ^[6].



[Barend Swets](#) in front and [Peter van Diepen](#) operating [IGM](#) on phone ^[7]

```
[Event "Dutch CC 1980"]
[Site "Utrecht, NL"]
[Date "1980.?.?.?"]
[Round "1"]
[White "Bs'66'76"]
[Black "IGM"]
[Result "1/2-1/2"]
```

```
1.d4 Nf6 2.e4 Nxe4 3.Bf4 Nc6 4.f3 Nf6 5.Bb5 Nb4 6.Ba4 c6 7.c3 Nbd5 8.B
e5 Ne3
9.Qe2 Nfd5 10.Na3 d6 11.Bg3 Bd7 12.Bb3 e6 13.Nh3 Be7 14.Bf4 Bh4+ 15.g3
Nxf4
16.Nxf4 Nf5 17.Rd1 Nxc3 18.hxc3 Bxc3+ 19.Kf1 Bxf4 20.Kf2 O-
O 21.Qe4 Bh6
22.Rdg1 d5 23.Qe2 Qf6 24.Ba4 Qf4 25.Rg4 Qf6 26.Bb3 Bf4 27.Bc2 h6 28.Qd
3 Rfb8
29.Qh7+ Kf8 30.Qd3 Ke7 31.Qe2 Bd6 32.Rgg1 c5 33.Qd3 c4 34.Qe3 Rf8 35.K
e2 Rad8
36.Rh5 g5 37.Kf2 Rde8 38.Rg4 Rd8 39.Nxc4 dxc4 40.d5 Rc8 41.Kf1 e5 42.R
e4 Rfe8
43.Kg2 b6 44.Rh1 Red8 45.Rh5 Re8 46.Rh1 Rf8 47.Rh2 Rfe8 48.Rh1 1/2-1/2
```

Publications

- [Barend Swets](#) (1977). *Computers in de opmars*. Schakend Nederland 09-1977 (Dutch), [pdf](#) hosted by [Hein Veldhuis](#) » [WCCC 1977](#)
- [Max Pam](#) (1980). ["Na verloop van tijd ga je weleens denken, dat er een mens in zit" - Barend](#)

[Swets over het programmeren van menselijk denken](#), [Schaakbulletin](#) nr. 150, mei 1980, hosted by [Schaakcomputers en computerschaak - Diversen](#) by [Luuk Hofman](#) (Dutch)

External Links

- [Bs6676's ICGA Tournaments](#)
- [The chess games of Bs6676 \(Computer\)](#) from [chessgames.com](#)

References

1. [^] [Peter Jennings \(1978\). The Second World Computer Chess Championships - Where KAISSA Founders on a Bug and CHESS 4.6 Conquers All. BYTE, Vol. 3, No. 1, Table 2](#)
2. [^] [Eerste Nederlands Kampioenschappen Computerschaken - BS'66'76, het eerste schaakprogramma](#) (Dutch)
3. [^] [Max Pam \(1980\). "Na verloop van tijd ga je weleens denken, dat er een mens in zit" - Barend Swets over het programmeren van menselijk denken, Schaakbulletin nr. 150, mei 1980, hosted by Schaakcomputers en computerschaak - Diversen by Luuk Hofman](#) (Dutch)
4. [^] [Prehistorie van het Nederlandse Computerschaak](#) (Dutch)
5. [^] [Dutch Computer Chess Championships - Complete History of Rankings and Games](#) by [Theo van der Storm](#)
6. [^] [Prehistorie van het Nederlandse Computerschaak](#) (Dutch) - Computer Chess Match for the 2nd Unofficial Dutch CC Championship 1980
7. [^] Image and game from [Max Pam \(1980\). "Na verloop van tijd ga je weleens denken, dat er een mens in zit" - Barend Swets over het programmeren van menselijk denken, Schaakbulletin nr. 150, mei 1980, hosted by Schaakcomputers en computerschaak - Diversen by Luuk Hofman](#) (Dutch)

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