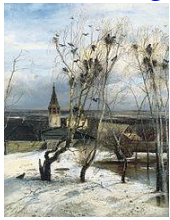


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The Rooks Have Come Back <sup>[4]</sup>

### **Rook,**

a chess program by [Lars Karlsson](#) written in [Z80 assembly](#) for the card computer *Data Board 4680* <sup>[1]</sup>, produced by [Dataindustrier AB](#), the company founded in 1970 by Karlsson himself <sup>[2]</sup>. Rook is a typical [Shannon Type A](#) program, performing [Alpha-Beta](#) with focus on the [Killer heuristic](#). With respectful 3 out of 5 and a shared third place Rook **4.0** had its strong debut at the [WMCCC 1980](#) in [London](#). During the 1981 [CeBIT](#) fair in [Hanover, Germany](#), where [Boris Spassky](#) gave a [simultaneous exhibition](#), one participant was Rook **4.5**, which lost its game like most others of 25, except three who drew <sup>[3]</sup>.

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```
[Event "WMCCC 1980"]
[Site "London, United Kingdom"]
[Date "1980.09.06"]
[Round "4"]
[White "Gambiet 80"]
[Black "Rook 4.0"]
[Result "0-1"]
```

```
1.e4 e5 2.Nc3 Nc6 3.Bc4 Bb4 4.a3 Bxc3 5.dxc3 d6 6.Nf3 Nf6 7.Bg5 O-O
8.O-O Bg4 9.Kh1 Qe7 10.Re1 Rfe8 11.a4 Be6 12.Qd3 Bxc4 13.Qxc4 Qe6
14.Qxe6 Rxe6 15.b4 Ng4 16.Be3 Rae8 17.h4 Nxe3 18.fxe3 Rf6 19.b5 Na5
20.Kh2 Nc4 21.a5 Rd8 22.Ra4 d5 23.exd5 Nd6 24.Rb1 Nf5 25.e4 Ne3
26.Nxe5 Rf2 27.Kg3 Rxc2 28.Raa1 Re8 29.Nd3 Rxc3 30.Nb4 Rxe4 31.Kf3
Rxb4 32.Rxb4 Nxd5+ 33.Ke4 Nxb4 34.Kd4 Rg3 35.Kc5 Rg4 36.b6 Na6+
37.Kd5 cxb6 38.Kd6 bxa5 39.Rxa5 Rxh4 40.Rb5 Rh6+ 41.Ke7 Re6+ 42.Kd8
b6 43.Rd5 Re2 44.g4 Re4 45.g5 Nb4 46.Rf5 Rd4+ 47.Ke8 Nc6 48.g6 Rd8#
0-1
```

## See also

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- [Chess Pieces](#)
- [Rook](#)
- [Rookie](#)

## External Links

### Chess Program

- [Rook's ICGA Tournaments](#)
- [Softwarehaus mbp arrangierte Match gegen den Computer:Schach-Mikro für Boris Spasskij kein Problem](#), April 24, 1981, [Computerwoche](#) 17/1981 (German)

### Misc

- [Rook \(disambiguation\) from Wikipedia](#)
- [Rook \(bird\) from Wikipedia](#)
- [Rook \(chess\) from Wikipedia](#)

## References

- ↑ [Data Board 4680](#)

2. [^ Historien om DIAB - Dataindustrier AB](#) (Swedish)
3. [^ Softwarehaus mbp arrangierte Match gegen den Computer:Schach-Mikro für Boris Spasskij kein Problem](#), April 24, 1981, [Computerwoche](#) 17/1981 (German)
4. [^ The Rooks Have Come Back](#) was painted by [Alexei Savrasov](#) near [Ipatiev Monastery](#) in [Kostroma](#), 1871, [Rook \(bird\)](#) from [Wikipedia](#)
5. [^ London 1980 - Chess - Round 4 - Game 2 \(ICGA Tournaments\)](#)

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