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Labirint 64,

a compact, selfmade [dedicated chess computer](#) with [8085](#) processor, an alpha-numeric [keypad](#) and small display, built and programmed by [Viorel Darie](#) ^[1] ^[2], which competed at the [WMCCC 1983](#) in [Budapest](#). Labirint 64 [searched](#) no more than one [position per second](#), but entertained its opponents by playing melodies to express its feelings - a triumphant tune when capturing a piece, sombre strains when it was losing ^[3].

Selected Games

Chess-Master

[WMCCC 1983](#), round 6, [Labirint 64](#) - [Chess-Master](#) ^[4]

```
[Event "WMCCC 1983"]
[Site "Budapest, Hungary"]
[Date "1983.10.18"]
[Round "6"]
[White "Labirint 64"]
[Black "Chess-Master"]
[Result "0-1"]
```

1.e3 Nf6 2.d4 d5 3.Bb5+ c6 4.Bd3 Bg4 5.Nf3 Bxf3 6.Qxf3 Nbd7 7.Nc3 e5

8.Bf5 Bd6 9.Bxd7+ Qxd7 10.dxe5 Bxe5 11.h4 Bxc3+ 12.bxc3 O-O-O 13.O-O Rhe8
14.Qf4 Re4 15.Qf3 Rxh4 16.Qg3 Rg4 17.Qf3 Rc4 18.Qg3 Rxc3 19.Qxg7 Qf5
20.Bb2 Qxc2 21.Bxc3 Qxc3 22.Rac1 Qe5 23.Qxf7 Re8 24.g3 Re7 25.Qf8+ Kc7

26.a3 Qd6 27.a4 h5 28.Rfd1 a6 29.a5 c5 30.Qa8 Re8 31.Qa7 Ne4 32.Rb1 Rb8
33.Rb6 Qf8 34.Rb2 Qf7 35.Rc2 Qe6 36.f3 Rg8 37.fxe4 Rxc3+ 38.Rg2 Rxc3+
39.Kxg2 Qg4+ 40.Kf2 Qxd1 41.Qxc5+ Kd7 42.exd5 Qd3 43.Qd4 Qxd4 44.exd4 Kd6
45.Kg1 Kxd5 46.Kh2 Kxd4 47.Kg3 Kc5 48.Kh4 Kb5 49.Kg5 Kxa5 50.Kh4 Kb5
51.Kxh5 Kc4 52.Kg6 b5 53.Kf7 b4 54.Ke6 b3 55.Ke5 b2 56.Kd6 b1=Q 57.Kc7 Kd5
58.Kd8 Kd6 59.Ke8 Qf5 60.Kd8 Qf8# 0-1

MicroMurks II

[WMCCC 1983](#), round 7, [Micromurks II](#) - [Labirint 64](#) ^[5]

```
[Event "WMCCC 1983"]  
[Site "Budapest, Hungary"]  
[Date "1983.10.19"]  
[Round "7"]  
[White "Micromurks II"]  
[Black "Labirint 64"]  
[Result "1-0"]
```

1.e4 e5 2.Nf3 d5 3.Qe2 dxe4 4.Qxe4 Nf6 5.Qxe5+ Be7 6.Bb5+ Nc6 7.Nd4 Bd7
8.Bxc6 Bxc6 9.O-O Qd7 10.Re1 O-O 11.Nxc6 Bd6 12.Ne7+ Kh8 13.Qf5 Qxf5
14.Nxf5 Ng4 15.h3 Nh6 16.Nxh6 gxh6 17.d3 Kg7 18.Be3 c5 19.Nd2 Rfe8 20.d4
b6 21.Nc4 Re6 22.Nxd6 Rxd6 23.dxc5 bxc5 24.Bxc5 Rdd8 25.c4 Rdc8 26.Bd4 +
Kg6 27.b3 a5 28.Kh2 Rab8 29.Kg3 Rg8 30.Bc3 a4 31.b4 a3 32.Rad1 Kh5+
33.Kf3 Kg6 34.Rd6+ f6 35.Rxf6+ Kg5 36.h4+ Kh5 37.Re5+ Rg5 38.g4+ Kxh4
39.Rxh6+ Rh5 40.Rexh5# 1-0

See also

- [Astro 64](#)

External Links

- [Viorel Darie creatorul primului program de sah pe calculator din Romania Amintiri despre robotul de sah LABIRINT 64](#), [Market Watch](#), [Arhiva Revistei](#), February 26, 2009 (Romanian) [translated](#) by [Google Translate](#)
- [Labirint's ICGA Tournaments](#)

References

1. ^ [Viorel Darie creatorul primului program de sah pe calculator din Romania Amintiri despre robotul de sah LABIRINT 64](#), [Market Watch](#), [Arhiva Revistei](#), February 26, 2009 (Romanian)
2. ^ Thanks to [Ruxy Sylwyka](#) for the Recherche, [Labirint 64 + Atom 64](#) by [Ruxy Sylwyka](#), [CCC](#), December 11, 2012
3. ^ [Frederic Friedel](#) (1984). *Move from the East*. Report of the WMCCC 1983, [Personal Computer World](#), January 1984
4. ^ [Budapest 1983 - Chess - Round 6 - Game 5 \(ICGA Tournaments\)](#)
5. ^ [Budapest 1983 - Chess - Round 7 - Game 5 \(ICGA Tournaments\)](#)

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