

**Descloux, J.**

**Stability of the solutions of the bidimensional magnetic shaping problem in absence of surface tension.** (English) [Zbl 0741.76025](#)

[Eur. J. Mech, B 10, No. 5, 513-526 \(1991\).](#)

Summary: Assuming a vanishing surface tension, we show that no smooth simply connected equilibrium configuration is stable. The disks are however almost stable.

**MSC:**

[76E25](#) Stability and instability of magnetohydrodynamic and electrohydrodynamic flows

Cited in **8** Documents

**Keywords:**

[equilibrium configuration](#); [stable](#)