

**Hernandez-Walls, R.; Dreyfus-León, M.; Montaña-Orozco, M. M.**

**Simulation of fluid dynamics through complicated networks of channels with cellular automata.** (English) [Zbl 1421.76019](#)

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**MSC:**

- [76B07](#) Free-surface potential flows for incompressible inviscid fluids
- [76S05](#) Flows in porous media; filtration; seepage
- [76M25](#) Other numerical methods (fluid mechanics) (MSC2010)
- [68U20](#) Simulation (MSC2010)
- [68Q80](#) Cellular automata (computational aspects)
- [76E20](#) Stability and instability of geophysical and astrophysical flows

**Keywords:**

[cellular automata](#); [fluids](#); [simulation](#)

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