

Percolation on a lattice

In this project, we are interested in studying numerically the percolation problem on a square grid.

See this two links for more information and possible examples of applications:

<https://www.complexity-explorables.org/explorables/baristas-secret/>

You can either develop on an interactive display, or work on estimating the critical probability of the percolation threshold, as well as study the statistical properties of the system close to criticality. Do these properties change with the lattice structure, or the propagation rule (bond VS site percolation)?

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