

# The Growth of the City

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We simulate the growth of cities (in particular, the example of Montargis is studied). The model was proposed and tested by physicists in Berlin city [1]. We use correlation gradient percolation and data of real town as the starting point of our model. And the results is the simulations of cities in the future.

## Références

- [1] HERNAN A. MAKSE, JOSE S. ANDRADE JR., MICHAEL BATTY, SHLOMO HAVLIN, AND H. EUGENE STANLEY, *Modeling Urban Growth Patterns with Correlated Percolation*, Phys. Rev. E, 1998.