Abstract

In the computational era Cellular Automata is one of the best tool for performing the complex computation at the high speed. In cellular automata most of the complex computational problems from various fields are modeled graphically. In this article we tried to explore the CA functionalities and some of the problems exist in the basic CA model like glider. We have implemented and simulated a 2-D basic disease spreading problem using basic CA with the help of NetLogo tool.
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Index Terms

Computer Science

Applied Sciences

Keywords

Cellular Automata (CA) epidemic model disease spreading glitter probabilistic CA model