

## Fire spreading simulation in large buildings based on cellular automata

<u>Daniel-Ioan Curiac</u> Department of Automatics and Applied Informatics, "Politehnica" University of Timisoara, Timisoara, Romania Author:

2010 Article

**Bibliometrics** 

- Downloads (6 Weeks): n/a
- Downloads (12 Months): n/a
- Citation Count: 0



Tags: cellular automata fire simulation transition rule

Published in: Proceeding

CONTROL'10 Proceedings of the 6th WSEAS international conference on Dynamical systems and control

©2010 table of contents ISBN: 978-960-474-185-4

Feedback | Switch to single page view (no tabs)

**Publication** 

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

- 1 Muzy, A., Innocenti E., Hill D. R. C., Aiello A., Santucci J. F., Santoni P. A., "Dynamic structure cellular automata in a fire spreading application", First International Conference on Informatics in Control, Automation and Robotics, Setubal, Portugal, pp.143-151, 2004.
- 2 Alexandre Muzy , Eric Innocenti , Antoine Aiello , Jean-François Santucci , Gabriel Wainer, Specification of Discrete Event Models for Fire Spreading, Simulation, v.81 n.2, p.103-117, February 2005
- 3 <u>Domenico Talia, Cellular Processing Tools for High-Performance Simulation, Computer, v.33 n.9, p.44-52, September 2000</u>
- Wolfram, S. "Theory and applications of cellular automata". Vol. 1, Advances Series on Complex Systems. World Scientific, Singapore, 1986.
- Michael J. de Smith, Michael F. Goodchild, Paul A. Longley, Geospatial Analysis: A Comprehensive Guide to Principles, Techniques and Software Tools, Troubador Publishing, 2007
- 6 Van Wagner C.E., "A simple fire-growth model", Forestry Chronicles 41, pp.301-305, 1969.

## Powered by THE ACM GUIDE TO COMPUTING LITERATURE

The ACM Digital Library is published by the Association for Computing Machinery. Copyright © 2010 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us