

Multi-Agent-Based Simulations Applied to Biological and Environmental Systems

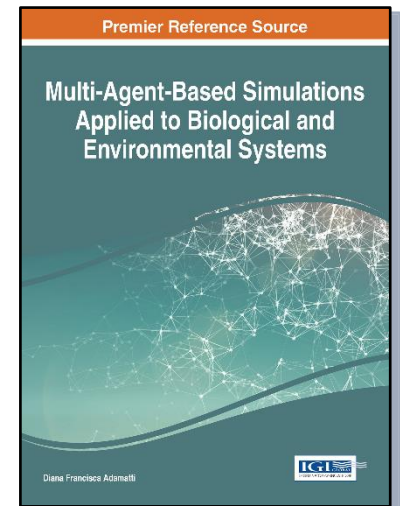
Part of the Advances in Computational Intelligence and Robotics Book Series

Diana Francisca Adamatti (Universidade Federal do Rio Grande, Brazil)

Description:

The discovery and development of new computational methods have expanded the capabilities and uses of simulations. With agent-based models, the applications of computer simulations are significantly enhanced.

Multi-Agent Based Simulations Applied to Biological and Environmental Systems is a pivotal reference source for the latest research on the implementation of autonomous agents in computer simulation paradigms. Features extensive coverage on relevant applications, such as biodiversity conservation, pollution reduction, and environmental risk assessment.



Readers:

This publication is an ideal source for researchers, academics, engineers, practitioners, and professionals seeking material on various issues surrounding the use of agent-based simulations.

ISBN: 9781522517566

Release Date: February, 2017

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Pages: 326

Topics Covered:

- Agent Societies
- Biodiversity Conservation
- Environmental Risk Assessment
- Intuitive Agent-Based Software
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- Neuronal Assemblies
- Pollution Reduction
- Systems Biology Applications

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