

<<Advances in Artificial Life 人工生命进展>>

图书基本信息

书名：<<Advances in Artificial Life 人工生命进展>>

13位ISBN编号：9783540200574

10位ISBN编号：3540200576

出版时间：2003-11

出版时间：北京燕山出版社

作者：Banzhaf, Wolfgang; Banzhaf, Wolfgang; Christaller, Thomas

页数：905

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<Advances in Artificial Life>>

内容概要

This book constitutes the refereed proceedings of the 7th European Conference on Artificial Life, ECAL 2003, held in Dortmund, Germany in September 2003. The 96 revised full papers presented were carefully reviewed and selected from more than 140 submissions. The papers are organized in topical sections on artificial chemistries, self-organization, and self-replication; artificial societies; cellular and neural systems; evolution and development; evolutionary and adaptive dynamics; languages and communication; methodologies and applications; and robotics and autonomous agents.

书籍目录

Artificial Chemistries, Self-Replication Self-Organization, and A Universal Framework for Self-Replication
Generic Properties of Chemical Networks: Artificial Chemistry Based on Graph Rewriting How to Program
Artificial Chemistries Artificial Life as an Aid to Astrobiology: Testing Life Seeking Techniques Molecularly
Accessible Permutations Simulating Evolution's First Steps Cellular Evolution in a 3D Lattice Artificial Chemistry
Evolution of Rewriting Rule Sets Using String-Based Tierra Models for the Conservation of Genetic Information
with String-Based Artificial Chemistry Interaction Based Evolution of Self-Replicating Loop Structures Artificial
Societies Architectural Design for the Survival Optimization of Panicking Fleeing Victims Meta-evolutionary
Game Dynamics for Mathematical Modelling of Rules Dynamics Preventing Bluff Agent Invasions in Honest
Societies Effects of Group Composition and Level of Selection in the Evolution of Cooperation in Artificial Ants
Effects of Learning to Interact on the Evolution of Social Behavior of Agents in Continuous Predators-Prey Pursuit
Problem War and Peace among Artificial Nations - A Model and Simulation Based on a Two-Layered Multi-agent
System Cellular and Neural Systems Developmental Neural Networks for Agents Revisiting Idiotypic Immune
Networks Production of Gliders by Collisions in Rule 110 A Computational Model of Neocortical-Hippocampal
Cooperation and Its Application to Self-Localization Fascinating Rhythms by Chaotic Hopfield Networks Solving
a Delayed Response Task with Spiking and McCulloch-Pitts Agents First Steps in Evolving Path Integration in
Simulation Evolution and Development On the Dynamics of an Artificial Regulatory Network Evolutionary
and Adaptive Dynamics Languages and Communication Methodologies and Applications Robotics and
Autonomous Agents Author Index

<<Advances in Artifici>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>