

Download Artificial Life Models In Software

Artificial Life Models in Software provides an introduction and guide to modern software tools for modeling and simulating life-like phenomena, written by those who personally design and develop software, hardware, and art installations in artificial life, simulated complex systems and virtual worlds. Contents Part I Virtual Environments 1 Avida: A Software Platform for Research in Computational Evolutionary Biology 3 Charles Ofria, David M. Bryson and Claus ?.

Artificial Life Models in Software provides an introduction and guide to modern software tools for modeling and simulating life-like phenomena, written by those who personally design and develop software, hardware, and art installations in artificial life, simulated complex systems and virtual worlds. The advent of powerful processing technologies and the advances in software development tools have drastically changed the approach and implementation of computational research in fundamental properties of living systems through simulating and synthesizing biological entities and processes in artificial media.