

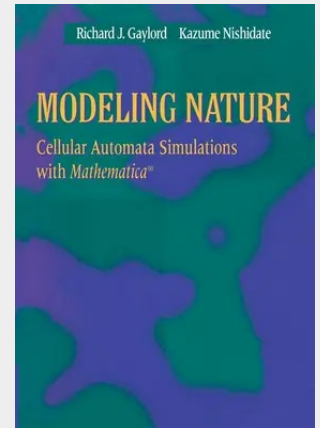
Modeling Nature

Cellular Automata Simulations with Mathematica®

This is the first volume in a suite of short, inexpensive, paperbound volumes intended for student usage as textbooks, or course supplements, and for purchase as single-copy reference works for professionals in specific disciplines, and, in some cases, for interdisciplinary use. This title focuses on cellular automata simulations while using Mathematica, thus its audience is a generally broad one, although physicists, life scientists and engineers will find this title to be of particular interest.

Those familiar with Gaylord's previous book, coauthored with Paul Wellin, "Computer Simulations with Mathematica - Explorations in Complex Biological and Physical Systems", also published by TELOS, will find this new title to be an in-depth extension of some topics dealt with in that book. **Modeling Nature: Cellular Automata Simulations with Mathematica**, however, contains simulations not found in the Gaylord-Wellin volume. This book will have a DOS-diskette packaged with it, enabling cross-platform access to the code. These data files will also be made accessible online via the Internet at telospub.com FTP and WWW sites.

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