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Titolo	Formal Methods for Computational Systems Biology [[electronic resource] ] : 8th International School on Formal Methods for the Design of Computer, Communication, and Software Systems, SFM 2008 Bertinoro, Italy, June 2-7, 2008 // edited by Marco Bernardo, Pierpaolo Degano, Gianluigi Zavattaro
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Descrizione fisica	1 online resource (X, 527 p.)
Collana	Programming and Software Engineering ; ; 5016
Disciplina	005.1
Soggetti	Software engineering Programming languages (Electronic computers) Computer logic Special purpose computers Computer communication systems Software Engineering/Programming and Operating Systems Software Engineering Programming Languages, Compilers, Interpreters Logics and Meanings of Programs Special Purpose and Application-Based Systems Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Lectures.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Regular Lectures -- Sensitivity Analysis of Stochastic Models of Bistable Biochemical Reactions -- Pathway Logic -- Formal Cell Biology in Biocham -- Hierarchical Modeling for Computational Biology -- Simulation Methods in Systems Biology -- Membrane Computing as a Modeling Framework. Cellular Systems Case Studies -- Petri Nets for Systems and Synthetic Biology -- Process Algebras in Systems Biology -- The BlenX Language: A Tutorial -- BISCA Talks -- Cells in Silico: A Holistic Approach -- The Calculus of Looping Sequences -- Hybrid Systems and Biology -- ?@: A ?-Based Process Calculus for the

Implementation of Compartmentalised Bio-inspired Calculi -- A Gentle  
Introduction to Stochastic (Poly)Automata Collectives and the (Bio)  
Chemical Ground Form.

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