1. Record Nr. UNISA996465990603316

Titolo	DNA Computing [[electronic resource]] : 7th International Workshop on DNA-Based Computers, DNA7, Tampa, FL, USA, June 10-13, 2001, Revised Papers / / edited by Natasa Jonoska, Nadriaan C. Seeman
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002
ISBN	3-540-48017-X
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (XI, 392 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2340
Disciplina	511.3
Soggetti	Computer hardware Mathematical logic Computers Algorithms Artificial intelligence Bioinformatics Computer Hardware Mathematical Logic and Foundations Computation by Abstract Devices Algorithm Analysis and Problem Complexity Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Experimental Tools -- An Object Oriented Simulation of Real Occurring Molecular Biological Processes for DNA Computing and Its Experimental Verification -- Towards Optimization of PCR Protocol in DNA Computing -- DNASequenceGenerator: A Program for the Construction of DNA Sequences -- DNA Computing in Microreactors -- Cascadable Hybridisation Transfer of Specific DNA between Microreactor Selection Modules -- Theoretical Tools -- Coding Properties of DNA Languages -- Boundary Components of Thickened Graphs -- Probabilistic Computational Models -- Population Computation and Majority Inference in Test Tube -- DNA Starts to Learn Poker -- PNA-mediated Whiplash PCR -- Computer Simulation and Sequence Design --