

1. Record Nr.	UNISA996465645603316
Autore	Akl Selim G.
Titolo	Unconventional Computation [[electronic resource]] : 6th International Conference, UC 2007, Kingston, Canada, August 13-17, 2007, Proceedings // edited by Selim G. Akl, Cristian S. Calude, Michael J. Dinneen, Grzegorz Rozenberg, H. Todd Wareham
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-73554-2
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (X, 246 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4618
Altri autori (Persone)	AklSelim G
Disciplina	006.3
Soggetti	Artificial intelligence Computer science Algorithms Bioinformatics Artificial Intelligence Theory of Computation Computational and Systems Biology
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	Invited Papers -- How Neural Computing Can Still Be Unconventional After All These Years -- Optimal Algorithmic Cooling of Spins -- Nanocomputing by Self-assembly -- Organic User Interfaces (Oui!): Designing Computers in Any Way Shape or Form -- Regular Papers -- Unconventional Models of Computation Through Non-standard Logic Circuits -- Amoeba-Based Nonequilibrium Neurocomputer Utilizing Fluctuations and Instability -- Unconventional "Stateless" Turing-Like Machines -- Polarizationless P Systems with Active Membranes Working in the Minimally Parallel Mode -- On One Unconventional Framework for Computation -- Computing Through Gene Assembly -- Learning Vector Quantization Network for PAPR Reduction in Orthogonal Frequency Division Multiplexing Systems -- Binary Ant Colony Algorithm for Symbol Detection in a Spatial Multiplexing System -- Quantum Authenticated Key Distribution -- The Abstract Immune

System Algorithm -- Taming Non-compositionality Using New Binders
-- Using River Formation Dynamics to Design Heuristic Algorithms --
Principles of Stochastic Local Search -- Spatial and Temporal Resource
Allocation for Adaptive Parallel Genetic Algorithm -- Gravitational
Topological Quantum Computation -- Computation in Sofic Quantum
Dynamical Systems -- Bond Computing Systems: A Biologically Inspired
and High-Level Dynamics Model for Pervasive Computing.
