

1. Record Nr.	UNISOBSOBE00018983
Titolo	11: Opere di carattere generale : 1986-1990; addenda : 1978-1985 / a cura di G. Panessa
Pubbl/distr/stampa	Pisa : Scuola Normale Superiore Roma : École Française de Rome, 1992
Descrizione fisica	XI, 150 p. ; 24 cm
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910483853203321
Titolo	Membrane Computing : 6th International Workshop, WMC 2005, Vienna, Austria, July 18-21, 2005, Revised Selected and Invited Papers / / edited by Rudolph Freund, Gheorghe Paun, Grzegorz Rozenberg, Arto Salomaa
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-32340-6
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (X, 374 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3850
Altri autori (Persone)	FreundRudolf
Disciplina	621.39/1
Soggetti	Computer science Machine theory Computer simulation Bioinformatics Theory of Computation Formal Languages and Automata Theory Computer Modelling
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 Lectures -- Computational Power of Sympport/Antiport: History, Advances, and Open Problems -- Structural Operational Semantics of P Systems -- Some Recent Results Concerning Deterministic P Systems -- Membrane Algorithms -- On Evolutionary Lineages of Membrane Systems -- Regular Presentations -- Number of Protons/Bi-stable Catalysts and Membranes in P Systems. Time-Freeness -- Symbol/Membrane Complexity of P Systems with Sympport/Antiport Rules -- On P Systems as a Modelling Tool for Biological Systems -- Encoding-Decoding Transitional Systems for Classes of P Systems -- On the Computational Power of the Mate/Bud/Drip Brane Calculus: Interleaving vs. Maximal Parallelism -- A Membrane Computing System Mapped on an Asynchronous, Distributed Computational Environment -- P Systems with Memory -- Algebraic and Coalgebraic Aspects of Membrane Computing -- P Systems and the Modeling of Biochemical Oscillations -- P Systems, Petri Nets, and Program Machines -- On the Power of Dissolution in P Systems with Active Membranes -- A Linear Solution for QSAT with Membrane Creation -- On Sympport/Antiport P Systems and Semilinear Sets -- Boolean Circuits and a DNA Algorithm in Membrane Computing -- Towards a Petri Net Semantics for Membrane Systems -- Quantum Sequential P Systems with Unit Rules and Energy Assigned to Membranes -- Editing Distances Between Membrane Structures -- Relational Membrane Systems -- On the Rule Complexity of Universal Tissue P Systems -- Non-cooperative P Systems with Priorities Characterize PSET0L.

Sommario/riassunto

The present volume is based on papers presented at the 6th Workshop on M- brane Computing, WMC6, which took place in Vienna, Austria, in the period July 18-21, 2005. The ?rst three workshops were organized in Curtea de Arge, s, Romania - they took place in August 2000 (with the proceedings published in Lecture Notes in Computer Science, volume 2235), in August 2001 (with a sel- tion of papers published as a special issue of Fundamenta Informaticae, volume 49, numbers 1-3, 2002), and in August 2002 (with the proceedings published in Lecture Notes in Computer Science, volume 2597). The fourth and the ?fth workshops were organized in Tarragona, Spain, in July 2003, and in Milan, Italy, in June 2004, with the proceedings published as volumes 2933 and 3365, resp- tively, of Lecture Notes in Computer Science. The pre- proceedings of WMC6 were published by the Institute for Computer Languages of the Vienna University of Technology, and they were available d- ing the workshop. Conforming with tradition, this workshop, too, was a lively scienti?c event, with many questions and engaged discussions following pres- tations of papers. The current volume is based on a selection of papers from the pre- proceedings. These papers were signi?cantly modi?ed according to the discussions that took place during the workshop, and all the selected papers were additionally refereed.