1. Record Nr. UNISA996199993603316

Titolo	Biomedical Image Registration [[electronic resource]] : 6th International Workshop, WBIR 2014, London, UK, July 7-8, 2014, Proceedings / / edited by Sebastien Ourselin, Marc Modat
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-08554-9
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XII, 242 p. 96 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 8545
Disciplina	006.6 006.37
Soggetti	Optical data processing Pattern recognition Computer science—Mathematics Mathematical statistics Radiology Medicine Image Processing and Computer Vision Pattern Recognition Mathematics of Computing Probability and Statistics in Computer Science Imaging / Radiology Biomedicine, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Computational Efficiency -- Model Based Regularisation -- Optimisation -- Reconstruction -- Interventional Application -- Application Specific Measures of Similarity -- Poster Session.
Sommario/riassunto	This book constitutes the refereed proceedings of the 6th International Workshop on Biomedical Image Registration, WBIR 2014, held in London, UK, in July 2014. The 16 full papers and 8 poster papers included in this volume were carefully reviewed and selected from

		numerous submitted papers. The full papers are organized in the following topical sections: computational efficiency, model based regularisation, optimisation, reconstruction, interventional application and application specific measures of similarity.
2.	Record Nr.	UNINA9910144208603321
	Titolo	Membrane Computing : International Workshop, WMC 2003, Tarragona, Spain, July 17-22, 2003, Revised Papers / / edited by Carlos Martín-Vide, Giancarlo Mauri, Gheorghe Paun, Grzegorz Rozenberg, Arto Salomaa
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
	ISBN	1-280-30798-6 9786610307982 3-540-24619-3
	Edizione	[1st ed. 2004.]
	Descrizione fisica	1 online resource (VIII, 382 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2933
	Disciplina	511.3
	Soggetti	Logic, Symbolic and mathematical Computers Computer simulation Bioinformatics Mathematical Logic and Foundations Theory of Computation Computation by Abstract Devices Mathematical Logic and Formal Languages Simulation and Modeling
	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 at the end of each chapters and index.
	Nota di contenuto	Proton Pumping P Systems -- A Binary Data Structure for Membrane Processors: Connectivity Arrays -- Parsing with Active P Automata -- Universality of Minimal Symport/Antiport: Five Membranes Suffice --

Collapsing Hierarchies of Parallel Rewriting P Systems without Target Conflicts -- Evolution and Observation: A New Way to Look at Membrane Systems -- Tiling Rectangular Pictures with P Systems -- Simulating Boolean Circuits with P Systems -- P Systems Running on a Cluster of Computers -- Implementing in Prolog an Effective Cellular Solution to the Knapsack Problem -- On the Dynamics of PB Systems: A Petri Net View -- P Systems Generating Hexagonal Picture Languages -- A Membrane System for the Leukocyte Selective Recruitment -- P Systems with Cutting/Recombination Rules Assigned to Membranes -- ? -P Automata with Communication Rules -- The Number of Membranes Matters -- An Agent-Based Behavioural Model of Monomorium Pharaonis Colonies -- Can Hyperbolic Geometry Be of Help for P Systems? -- A Linear-Time Solution to the Knapsack Problem Using P Systems with Active Membranes -- A Reconfigurable Hardware Membrane System -- P Systems and Petri Nets -- Simulation of Mobile Ambients by P Systems. Part 1 -- Computing Partial Recursive Functions by Transition P Systems -- P Systems with External Input and Learning Strategies -- A Distributed Simulation of Transition P Systems -- About Splicing P Systems with Immediate Communication and Non-extended Splicing P Systems.

Sommario/riassunto

This volume is based on papers presented at the Workshop on Membrane Computing, WMC 2003, which took place in Tarragona, Spain, in the - riod July 17–July 22, 2003. This was the Fourth Annual Membrane Computing Workshop, and the ?rst one held outside Romania. The ?rst three meetings were organized in Curtea de Arge¸ s, Romania – they took place in August 2000 (with the proceedings published in Lecture Notes in Computer Science, Vol. 2235), in August 2001 (with a selection of papers published as a special issue of F-damenta Informaticae, Vol. 49, Nos. 1–3, 2002), and in August 2002 (with the proceedings published in Lecture Notes in Computer Science, Vol. 2597). The 2003 workshop was the second workshop of the Molecular Computing Network (MolCoNet) funded by the EU Commission in the Fifth Framework Program Information Society Technologies (project number IST–2001–32008). The preproceedings of WMC 2003 were published as Technical Report 28/03 of theResearchGrouponMathematicalLinguisticsfromRoviraiVirgiliUniversity, Tarragona, and they were available during the workshop.