

1. Record Nr.	UNISA996464437103316
Titolo	Membrane Computing [[electronic resource]] : 21st International Conference, CMC 2020, Virtual Event, September 14–18, 2020, Revised Selected Papers / / edited by Rudolf Freund, Tseren-Onolt Ishdorj, Grzegorz Rozenberg, Arto Salomaa, Claudio Zandron
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-77102-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XI, 179 p. 113 illus., 12 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12687
Disciplina	004
Soggetti	Computer science Data structures (Computer science) Information theory Artificial intelligence Computer science—Mathematics Computer engineering Computer networks Software engineering Theory of Computation Data Structures and Information Theory Artificial Intelligence Mathematics of Computing Computer Engineering and Networks Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Transition Graphs of Reversible Reaction Systems -- Communicating Reaction Systems with Direct Communication -- Generalized Forbidding Matrix Grammars and their Membrane Computing Perspective -- Parallel Contextual Array Insertion Deletion P Systems and Tabled Matrix Grammars -- Triangular Array Token Petri Net and P

System -- P System as a Computing Tool for Embedded Feature Selection and Classification Method for Microarray Cancer Data -- Evolutionary P Systems: the Notion and an Example -- Partial Array Token Petri Net and P System -- Certain State Sequences Defined by P Systems with Reactions -- On Numerical 2D P Colonies with the Blackboard and the Gray Wolf Algorithm.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 21st International Conference on Membrane Computing, CMC 2020, held as a virtual event, in September 2020. The 10 full papers presented were selected from 31 submissions. The papers deal with all aspects on membrane computing and related areas.