

1. Record Nr.	UNINA9910812475203321
Titolo	The mathematical foundation of informatics : proceedings of the conference, Hanoi, Vietnam, 25-28 October 1999 // editors, Do Long Van, M. Ito
Pubbl/distr/stampa	Singapore ; ; New Jersey, : World Scientific, c2005
ISBN	1-281-37286-2 9786611372866 981-270-311-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (215 p.)
Altri autori (Persone)	DoLong Van <1941-> ItoMasami <1941->
Disciplina	004.01/51
Soggetti	Information technology - Mathematics Information science - Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface; Contents; On Growth Function of Petri Net and its Applications Pham Tra An; On an Infinite Hierarchy of Petri Net Languages Pham Tra A n and Pham Van Thao; Algorithms to Test Rational w-Codes Xavier Augros and Igor Litovsky; Distributed Random Walks for an Efficient Design of a Random Spanning Tree Hichem Baala and Marc Bui; Formal Concept Analysis and Rough Set Theory in Clustering Ho Tu Bao; A Simple Heuristic Method for the Min-Cut k-Balanced Partitioning Problem Lelia Blin and Ivan Lavallee; Longest Cycles and Restgraph in Maximal Non-Hamiltonian Graphs Vu Dinh Hoa Deterministic and Nondeterministic Directable Automata Masami ItoWorst-Case Redundancy of Solid Codes Helmut Jiirgensen and Stavros Konstantinidis; Maximal Independent Sets in Certain Subword Orders Nguyen Huong Lam; Strong Recognition of Rational w-Languages Bertrand Le Saec, V. R. Dare and R. Siromoney; Some Results Concerning Covers in the Class of Multivalued Positive Boolean Dependencies Le Duc Minh, Vu Ngoc Loan and Nguyen Xuan Huy; A New Measure for Attribute Selection Do Tan Phong, Ho Thuan and Ha Quang Thuy

The Complexity of Problems Defined by Boolean Circuits Steffen Reith and Klaus W. Wagner  
The Rational Skimming Theorem Jacques Sakarovitch; A New Classification of Finite Simple Groups Wujie Shi and Seymour Lipschutz; Connectedness of Tetravalent Metacirculant Graphs with Non-Empty First Symbol Ngo Dac Tan and Tran Minh Tuoc; On the Relation between Maximum Entropy Principle and the Condition Independence Assumption in the Probabilistic Logic Ha Dang Cao Tung

---

Sommario/riassunto

This volume presents research results ranging from those in pure mathematical theory (semigroup theory, graph theory, etc.) to those in theoretical and applied computer science, e.g. formal languages, automata, codes, parallel and distributed computing, formal systems, knowledge systems and database theory.

---