1. Record Nr. UNISA996466028303316

Titolo	Implementation and Application of Automata [[electronic resource]] : 9th International Conference, CIAA 2004, Kingston, Canada, July 22-24, 2004, Revised Selected Papers / / edited by Michael Domaratzki, Alexander Okhotin, Kai Salomaa, Sheng Yu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
ISBN	3-540-30500-9
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XII, 336 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3317
Disciplina	511.3/5
Soggetti	Artificial intelligence Computer science Machine theory Algorithms Artificial Intelligence Theory of Computation Formal Languages and Automata Theory
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 -- Automata-Theoretic Techniques for Analyzing Infinite-State Systems -- Enumerating Regular Expressions and Their Languages -- Contributed Papers -- A General Weighted Grammar Library -- On the Complexity of Hopcroft's State Minimization Algorithm -- Implementation of Catalytic P Systems -- Code Selection by Tree Series Transducers -- Some Non-semi-decidability Problems for Linear and Deterministic Context-Free Languages -- Brute Force Determinization of NFAs by Means of State Covers -- Computing the Follow Automaton of an Expression -- Viral Gene Compression: Complexity and Verification -- Concatenation State Machines and Simple Functions -- FIRE Station: An Environment for Manipulating Finite Automata and Regular Expression Views -- Finding Finite Automata That Certify Termination of String Rewriting -- Linear Encoding Scheme for Weighted Finite Automata -- The Generalization

of Generalized Automata: Expression Automata -- An Automata Approach to Match Gapped Sequence Tags Against Protein Database -- State Complexity of Concatenation and Complementation of Regular Languages -- Minimal Unambiguous ?NFA -- Substitutions, Trajectories and Noisy Channels -- State Complexity and the Monoid of Transformations of a Finite Set -- An Application of Quantum Finite Automata to Interactive Proof Systems (Extended Abstract) -- Time and Space Efficient Algorithms for Constrained Sequence Alignment -- Stochastic Context-Free Graph Grammars for Glycoprotein Modelling -- Parametric Weighted Finite Automata for Figure Drawing -- Regional Finite-State Error Repair -- Approximating Dependency Grammars Through Intersection of Regular Languages -- On the Equivalence-Checking Problem for a Model of Programs Related With Multi-tape Automata -- Poster Papers -- Tight Bounds for NFA to DFCA Transformations for Binary Alphabets -- Simulating the Process of Gene Assembly in Ciliates -- A BDD-Like Implementation of an Automata Package -- Approximation to the Smallest Regular Expression for a Given Regular Language -- Algebraic Hierarchical Decomposition of Finite State Automata: Comparison of Implementations for Krohn-Rhodes Theory -- Does Hausdorff Dimension Measure Texture Complexity? -- Combining Regular Expressions with (Near-)Optimal Brzozowski Automata -- From Automata to Semilinear Sets: A Logical Solution for Sets (,) -- Myhill-Nerode Theorem for Sequential Transducers over Unique GCD-Monoids -- Minimalizations of NFA Using the Universal Automaton -- Two-Dimensional Pattern Matching by Two-Dimensional Online Tessellation Automata -- Size Reduction of Multitape Automata -- Testability of Oracle Automata -- Magic Numbers for Symmetric Difference NFAs.

Sommario/riassunto

This volume of Lecture Notes in Computer Science contains the revised versions of the papers presented at the 9th International Conference on Implemen- tion and Application of Automata, CIAA 2004. Also included are the extended abstracts of the posters accepted to the conference. The conference was held at Queen’s University in Kingston, Ontario, Canada on July 22–24, 2004. As for its predecessors, the theme of CIAA 2004 was the implementation of automata and grammars of all types and their application in other ?elds. The topics of the papers presented at the conference range from applications of automata in natural language and speech processing to protein sequencingandgenecompression, andfromstatecomplexityandnewalgorithms for automata operations to applications of quantum ?nite automata. The25regularpapersand14posterpaperswereselectedfrom62submissions totheconference. EachsubmittedpaperwasevaluatedbyatleastthreeProgram Committee members, with the help of external referees. Based on the referee reports, the paper “Substitutions, Trajectories and Noisy Channels” by L. Kari, S. Konstantinidis and P. Sos´ ?k was chosen as the winner of the CIAA 2004 Best Paper Award. The award is sponsored by the University of California at Santa Barbara. The authors of the papers presented here come from the following countries and regions: Austria, Canada, Czech Republic, Finland, France, Germany, Hong Kong, Netherlands, Portugal, Russia, Slovakia, South Africa, Spain, UK, and USA.

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Record Nr.	UNISALENTO991001922449707536
Autore	Brogna, Lucia
Titolo	Metodi numerici per approssimare gli autovalori di una matrice : algoritmi e applicazioni. Tesi di laurea triennale / laureanda Lucia Brogna ; relatrice Ivonne Sgura
Pubbl/distr/stampa	Lecce : Università del Salento. Facoltà di Scienze MM. FF. NN. Corso di Laurea in Matematica, a.a. 2011-12
Descrizione fisica	47 p. ; 30 cm
Classificazione	AMS 65F15 AMS 65H17
Altri autori (Persone)	Sgura, Ivonne
Soggetti	Numerical linear algebra
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia