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Titolo	Implementation and Application of Automata [[electronic resource]] : 10th International Conference, CIAA 2005, Sophia Antipolis, France, June 27-29, 2005, Revised Selected Papers // edited by Jacques Farré, Igor Litovsky, Sylvain Schmitz
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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3845
Disciplina	511.3
Soggetti	Artificial intelligence Computer science Algorithms Machine theory Artificial Intelligence Theory of Computation Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lectures -- Languages Recognizable by Quantum Finite Automata -- The Language, the Expression, and the (Small) Automaton -- Technical Contributions -- Minimization of Non-deterministic Automata with Large Alphabets -- Simulating Two-Dimensional Recognizability by Pushdown and Queue Automata -- Component Composition Preserving Behavioural Contracts Based on Communication Traces -- Strong Retiming Equivalence of Synchronous Schemes -- Prime Normal Form and Equivalence of Simple Grammars -- An Incremental Algorithm for Constructing Minimal Deterministic Finite Cover Automata -- Finite Automata and Unions of Regular Patterns with Bounded Constant Segments -- Inside Vaucanson -- Deterministic Recognition of Trees Accepted by a Linear Pushdown Tree Automaton -- Shorter Regular Expressions from Finite-State Automata

-- Wind in the Willows – Generating Music by Means of Tree Transducers -- On Deterministic Catalytic Systems -- Restricting the Use of Auxiliary Symbols for Restarting Automata -- A Class of Rational n-WFSM Auto-intersections -- Experiments with Deterministic ?- Automata for Formulas of Linear Temporal Logic -- Computing Affine Hulls over and from Sets Represented by Number Decision Diagrams -- Tree Automata and XPath on Compressed Trees -- Deeper Connections Between LTL and Alternating Automata -- The Structure of Subword Graphs and Suffix Trees of Fibonacci Words -- Observations on Determinization of Büchi Automata -- The Interval Rank of Monotonic Automata -- Compressing XML Documents Using Recursive Finite State Automata -- Non-backtracking Top-Down Algorithm for Checking Tree Automata Containment -- Size Reduction of Multitape Automata -- Robust Spelling Correction -- On Two-Dimensional Pattern Matching by Finite Automata -- Poster Abstracts -- Incremental and Semi-incremental Construction of Pseudo-Minimal Automata -- Is Learning RFSA's Better Than Learning DFAs? -- Learning Stochastic Finite Automata for Musical Style Recognition -- Simulation of Soliton Circuits -- Acyclic Automata with Easy-to-Find Short Regular Expressions -- On the Equivalence Problem for Programs with Mode Switching -- Automata and AB-Categorical Grammars -- On a Class of Bijective Binary Transducers with Finitary Description Despite Infinite State Set.
