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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Lecture -- Edit-Distance of Weighted Automata -- Technical Contributions -- p-Subsequential Transducers -- Bidirectional Push Down Automata -- Finite Automata and Non-self-Embedding Grammars -- Simulation of Gate Circuits in the Algebra of Transients -- The Number of Similarity Relations and the Number of Minimal Deterministic Finite Cover Automata -- Regex and Extended Regex -- Prime Decompositions of Regular Prefix Codes -- Implementation of Dictionaries via Automata and Decision Trees -- Feedback-Free Circuits in the Algebra of Transients -- On Minimizing Cover Automata for Finite Languages in $O(n \log n)$ Time -- Compilation of Constraint-Based Contextual Rules for Part-of-Speech Tagging into Finite State

Transducers -- Finite State Lazy Operations in NLP -- State Complexity of Basic Operations on Nondeterministic Finite Automata -- Adaptive Automata - A Revisited Proposal -- Efficient Automaton-Based Recognition for Linear Conjunctive Languages -- Syntactic Semiring and Language Equations -- Reduced Power Automata -- A Polynomial Time Algorithm for Left [Right] Local Testability -- Whale Calf, a Parser Generator for Conjunctive Grammars -- automata, a Hybrid System for Computational Automata Theory -- A Package TESTAS for Checking Some Kinds of Testability -- DAWG versus Suffix Array -- On Predictive Parsing and Extended Context-Free Grammars -- Star Normal Form, Rational Expressions, and Glushkov WFAs Properties -- Comparison of Construction Algorithms for Minimal, Acyclic, Deterministic, Finite-State Automata from Sets of Strings -- Term Validation of Distributed Hard Real-Time Applications -- Common Subsequence Automaton -- Searching for Asymptotic Error Repair -- Abstracts -- Automata-Based Representations for Arithmetic Constraints in Automated Verification -- On the Implementation of Compact DAWG's -- Dynamic Programming — NFA Simulation -- Deterministic Parsing of Cyclic Strings.
