

1. Record Nr.	UNINA9910483513403321
Titolo	Implementation and application of automata : 10th international conference, CIAA 2005, Sophia Antipolis, France, June 27-29, 2005 : revised selected papers // Jacques Farre, Igor Litovsky, Sylvain Schmitz (eds.)
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2006
ISBN	3-540-33097-6
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XIII, 360 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 3845 LNCS sublibrary. SL 1, Theoretical computer science and general issues
Altri autori (Persone)	FarreJacques Litovskylgor SchmitzSylvain
Disciplina	511.3
Soggetti	Machine 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 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.
