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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4036
Disciplina	005.13/1
Soggetti	Machine theory Computer science Computer science—Mathematics Discrete mathematics Formal Languages and Automata Theory Theory of Computation Computer Science Logic and Foundations of Programming Discrete Mathematics in Computer Science Symbolic and Algebraic Manipulation
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lectures -- Adding Nesting Structure to Words -- Can Abstract State Machines Be Useful in Language Theory? -- Languages in Membrane Computing: Some Details for Spiking Neural P Systems -- Computational Nature of Biochemical Reactions -- Papers -- Polynomials, Fragments of Temporal Logic and the Variety DA over Traces -- Weighted Automata and Weighted Logics on Infinite Words -- Simulation Relations for Alternating Parity Automata and Parity Games -- Equivalence of Functions Represented by Simple Context-Free Grammars with Output -- On the Gap-Complexity of Simple RL-Automata -- Noncanonical LALR(1) Parsing -- Context-Free Grammars and XML Languages -- Synchronization of Pushdown Automata -- Context-Dependent Nondeterminism for Pushdown Automata -- Prime Decompositions of Regular Languages -- On Weakly Ambiguous Finite

Transducers -- Ciliate Bio-operations on Finite String Multisets --
Characterizing DNA Bond Shapes Using Trajectories -- Involution Solid
and Join Codes -- Well-Founded Semantics for Boolean Grammars --
Hierarchies of Tree Series Transformations Revisited -- Bag Context
Tree Grammars -- Closure of Language Classes Under Bounded
Duplication -- The Boolean Closure of Growing Context-Sensitive
Languages -- Well Quasi Orders and the Shuffle Closure of Finite Sets
-- The Growth Ratio of Synchronous Rational Relations Is Unique -- On
Critical Exponents in Fixed Points of Non-erasing Morphisms -- P
Systems with Proteins on Membranes and Membrane Division --
Computing by Only Observing -- A Decision Procedure for Reflexive
Regular Splicing Languages -- Contextual Hypergraph Grammars -- A
New Approach to the Generation of Hypergraph Languages -- End-
Marked Maximal Depth-First Contextual Grammars -- Some Examples
of Semi-rational DAG Languages -- Finding Lower Bounds for
Nondeterministic State Complexity Is Hard -- Lowering Undecidability
Bounds for Decision Questions in Matrices -- Complexity of
Degenerated Three Dimensional Billiard Words -- Factorial Languages
of Low Combinatorial Complexity -- Perfect Correspondences Between
Dot-Depth and Polynomial-Time Hierarchy -- Language Equations with
Complementation -- Synchronizing Automata with a Letter of
Deficiency 2 -- On Some Variations of Two-Way Probabilistic Finite
Automata Models.
