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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Well-Founded and Partial Stable Semantics Logical Aspects -- The Reachability Problem over Infinite Graphs -- Kolmogorov Complexity and Model Selection -- Automatic Verification of Heap-Manipulating Programs Using Separation Logic -- Accepted Papers -- Canonical Calculi: Invertibility, Axiom Expansion and (Non)-determinism -- Integrality Property in Preemptive Parallel Machine Scheduling -- Characterizing the Existence of Optimal Proof Systems and Complete Sets for Promise Classes -- k-SAT Is No Harder Than Decision-Unique-k-SAT -- Unique Decipherability in the Monoid of Languages: An Application of Rational Relations -- Concurrently Non-malleable Black-Box Zero Knowledge in the Bare Public-Key Model -- Approximability Distance in the Space of H-Colourability Problems -- On Random Ordering Constraints -- Depth Reduction for Circuits with a Single Layer of Modular Counting Gates -- A Feebly Secure Trapdoor Function -- Partitioning Graphs into Connected Parts -- Structural Complexity of AvgBPP -- Lower Bounds for the Determinantal Complexity of Explicit Low Degree Polynomials -- Simulation of Arithmetical Circuits by Branching Programs with Preservation of

Constant Width and Syntactic Multilinearity -- One-Nonterminal  
Conjunctive Grammars over a Unary Alphabet -- Concatenation of  
Regular Languages and Descriptive Complexity -- Approximability of  
the Maximum Solution Problem for Certain Families of Algebras --  
Complete Complexity Classification of Short Shop Scheduling --  
Compressed Word Problems in HNN-Extensions and Amalgamated  
Products -- Variations on Muchnik's Conditional Complexity Theorem  
-- An Optimal Bloom Filter Replacement Based on Matrix Solving --  
Aperiodicity Measure for Infinite Sequences -- On the Complexity of  
Matroid Isomorphism Problems -- Breaking Anonymity by Learning a  
Unique Minimum Hitting Set -- The Budgeted Unique Coverage  
Problem and Color-Coding -- Formal Verification of Gate-Level  
Computer Systems -- On Models of a Nondeterministic Computation --  
New Plain-Exponential Time Classes for Graph Homomorphism --  
Languages Recognized with Unbounded Error by Quantum Finite  
Automata.

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