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Nota di contenuto	Invited Talks -- Reaction Systems: A Model of Computation Inspired by Biochemistry -- A Brief Excursion Inside the Class of Tiling Recognizable Two-Dimensional Languages -- The Complexity of Regular(-Like) Expressions -- On Decision Problems for Simple and Parameterized Machines -- DNA Computing and Its Implications for Theoretical Computer Science -- Numeration Systems: A Link between Number Theory and Formal Language Theory -- Regular Papers -- Algorithmic Properties of Millstream Systems -- On a Conjecture by Carpi and D'Alessandro -- Linking Algebraic Observational Equivalence and Bisimulation -- Undecidability and Hierarchy Results for Parallel Communicating Finite Automata -- Inclusion Problems for Patterns with a Bounded Number of Variables -- On the Average Number of States of Partial Derivative Automata -- On the Hybrid ?erný-Road Coloring Problem and Hamiltonian Paths -- Computing Blocker Sets for the Regular Post Embedding Problem -- Rankers over Infinite Words -- Kleene and Büchi Theorems for Weighted Automata and Multi-valued Logics over Arbitrary Bounded Lattices -- On Müller Context-Free Grammars -- Minimization of Deterministic Bottom-Up Tree Transducers -- Two-Way Unary Automata versus Logarithmic Space -- On the Periodicity of Morphic Words -- Compressed Conjugacy and the Word Problem for Outer Automorphism Groups of Graph Groups --

Using Light to Implement Parallel Boolean Algebra -- Periodicity in Tilings -- Complexity in Union-Free Regular Languages -- Schema for Parallel Insertion and Deletion -- On Schützenberger Products of Semirings -- On Language Equations $XXK^? = ?XXL$ and $XM^? = ?N$ over a Unary Alphabet -- Around Dot Depth Two -- Input Products for Weighted Extended Top-Down Tree Transducers -- Regular Hedge Language Factorization Revisited -- Fast Parsing for Boolean Grammars: A Generalization of Valiant's Algorithm -- On Lexicalized Well-Behaved Restarting Automata That Are Monotone -- On a Powerful Class of Non-universal P Systems with Active Membranes -- State Complexity of Prefix, Suffix, Bifix and Infix Operators on Regular Languages -- Restricted Ambiguity of Erasing Morphisms -- Automata with Extremal Minimality Conditions -- On the Existence of Minimal $?$ -Powers -- The Averaging Trick and the $?$ erný Conjecture -- Short Papers -- Pseudo-power Avoidance -- On Restricted Context-Free Grammars -- Graphs Capturing Alternations in Words -- On the Iterated Hairpin Completion -- On Lookahead Hierarchies for Monotone and Deterministic Restarting Automata with Auxiliary Symbols (Extended Abstract) -- Joint Topologies for Finite and Infinite Words.
