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Nota di contenuto	Invited Presentations -- Computational Processes in Living Cells: Gene Assembly in Ciliates -- Experimental Quantum Computation with Molecules -- Efficient Transformations from Regular Expressions to Finite Automata -- Extended Temporal Logic on Finite Words and Wreath Product of Monoids with Distinguished Generators -- A Remark about Quadratic Trace Equations -- Infinite Snake Tiling Problems -- Decision Problems for Linear and Circular Splicing Systems -- Finite Automata Models of Quantized Systems: Conceptual Status and Outlook -- Automata on Linear Orderings -- Contributions -- Some Properties of Ciliate Bio-operations -- On the Descriptive Complexity of Some Variants of Lindenmayer Systems -- Carriers and Counters -- On the Separation between k-Party and (k - 1)-Party Nondeterministic Message Complexities -- Unary Language Operations and Their

Nondeterministic State Complexity -- Constructing Infinite Words of Intermediate Complexity -- A Space Lower Bound of Two-Dimensional Probabilistic Turing Machines -- Undecidability of Weak Bisimilarity for PA-Processes -- Improved Bounds on the Number of Automata Accepting Finite Languages -- Roots and Powers of Regular Languages -- Innermost Termination of Context-Sensitive Rewriting -- A Unique Structure of Two-Generated Binary Equality Sets -- On Deterministic Finite Automata and Syntactic Monoid Size -- An Inverse Automata Algorithm for Recognizing 2-Collapsing Words -- Efficient Algorithm for Checking Multiplicity Equivalence for the Finite \mathbb{Z} -Automata -- Some Remarks on Asynchronous Automata -- Tiling Systems over Infinite Pictures and Their Acceptance Conditions -- The Average Lengths of the Factors of the Standard Factorization of Lyndon Words -- Circular Words Avoiding Patterns -- Safety Verification for Two-Way Finite Automata with Monotonic Counters -- An Infinite Prime Sequence Can Be Generated in Real-Time by a 1-Bit Inter-cell Communication Cellular Automaton -- On the Structure of Graphic DLI-Sets -- Finite Completion of Comma-Free Codes. Part I -- On a Family of Codes with Bounded Deciphering Delay -- Abstract Families of Graphs -- Automaton Representation of Linear Conjunctive Languages -- On-Line Odometers for Two-Sided Symbolic Dynamical Systems -- Characteristic Semigroups of Directable Automata.
