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Descrizione fisica	1 online resource (XII, 369 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1530
Disciplina	511.3
Soggetti	Molecular computers Computer software Computer science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Invited Talk 1 -- Descriptive Complexity and Model Checking -- Session 1(a) -- Approximation Algorithms with Bounded Performance Guarantees for the Clustered Traveling Salesman Problem -- A Hamiltonian Approach to the Assignment of Non-reusable Frequencies -- Session 1(b) -- Deadlock Sensitive Types for Lambda Calculus with Resources -- On encoding $p?$ in $m?$ -- Session 2(a) -- Improved Methods for Approximating Node Weighted Steiner Trees and Connected Dominating Sets -- Red-Black Prefetching: An Approximation Algorithm for Parallel Disk Scheduling -- Session 2(b) -- A Synchronous Semantics of Higher-Order Processes for Modeling Reconfigurable Reactive Systems -- Testing Theories for Asynchronous Languages -- Invited Talk 2 -- Alternative Computational Models: A Comparison of Biomolecular and Quantum Computation -- Session 3 -- Optimal Regular Tree Pattern Matching Using Pushdown Automata -- Locating Matches of Tree Patterns in Forests -- Session 4 -- Benefits of Tree Transducers for Optimizing Functional Programs -- Implementable Failure Detectors in Asynchronous Systems -- Invited Talk 3 -- BRICS and Quantum Information Processing -- Session 5(a) -- Martingales and Locality in Distributed Computing -- Space Efficient Suffix Trees -- Session 5(b) -- Formal Verification of an O.S.

Submodule -- Infinite Probabilistic and Nonprobabilistic Testing --
Session 6(a) -- On Generating Strong Elimination Orderings of Strongly
Chordal Graphs -- A Parallel Approximation Algorithm for Minimum
Weight Triangulation -- Session 6(b) -- The Power of Reachability
Testing for Timed Automata -- Recursive Mean-Value Calculus --
Invited Talk 4 -- Efficient Formal Verification of Hierarchical
Descriptions -- Invited Talk 5 -- Proof Rules for Model Checking
Systems with Data -- Session 7 -- Partial Order Reductions for
Bisimulation Checking -- First-Order-CTL Model Checking -- Session 8
(a) -- On the Complexity of Counting the Number of Vertices Moved by
Graph Automorphisms -- Remarks on Graph Complexity -- Session 8
(b) -- On the Confluence of Trace Rewriting Systems -- A String-
Rewriting Characterization of Muller and Schupp's Context-Free Graphs
-- Session 9 -- Different Types of Monotonicity for Restarting
Automata -- A Kleene Iteration for Parallelism -- Invited Talk 6 --
Quantum Computation and Information.
