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   Soggetti   Computers
                   Algorithms
                   Computer logic
                   Logic, Symbolic and mathematical
                   Data structures (Computer science)
                   Theory of Computation
                   Computation by Abstract Devices
                   Algorithm Analysis and Problem Complexity
                   Logics and Meanings of Programs
                   Mathematical Logic and Formal Languages
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   Nota di contenuto   A LTS Semantics of Ambients via Graph Synchronization with Mobility -- Filter Models and Easy Terms -- Confluence of Untyped Lambda Calculus via Simple Types -- Incremental Inference of Partial Types -- Call-by-Value Separability and Computability -- Job Shop Scheduling with Unit Length Tasks: Bounds and Algorithms -- Job Shop Scheduling Problems with Controllable Processing Times -- Upper Bounds on the Size of One-Way Quantum Finite Automata -- P Systems with Gemmation of Mobile Membranes -- Instantaneous Actions vs. Full Asynchronicity: Controlling and Coordinating a Sset of Autonomous Mobile Robots -- Some Structural Properties of Associative Language Descriptions -- Block-Deterministic Regular Languages --

Constructing Finite Maximal Codes from Schützenberger Conjecture --
An Effective Translation of Fickle into Java -- Subtyping and Matching
for Mobile Objects -- On Synchronous and Asynchronous
Communication Paradigms -- Complexity of Layered Binary Search
Trees with Relaxed Balance -- Distance Constrained Labeling of
Precolored Trees -- Exponentially Decreasing Number of Operations in
Balanced Trees -- Directed Hypergraphs: Problems, Algorithmic
Results, and a Novel Decremental Approach -- Coupon Collectors, q-
Binomial Coefficients and the Unsatisfiability Threshold -- Relating
Partial and Complete Solutions and the Complexity of Computing
Smallest Solutions -- On the Distribution of a Key Distribution Center
-- Online Advertising: Secure E-coupons -- A Calculus and Complexity
Bound for Minimal Conditional Logic -- Reasoning about Complex
Actions with Incomplete Knowledge: A Modal Approach -- E-unifiability
via Narrowing.

Sommario/riassunto	This book constitutes the refereed proceedings of the 7th Italian Conference on Theoretical Computer Science, ICTCS 2001, held in Torino, Italy in October 2001. The 25 revised full papers presented together with two invited papers were carefully reviewed and selected from 45 submissions. The papers are organized in topical sections on lambda calculus and types, algorithms and data structures, new computing paradigms, formal languages, objects and mobility, computational complexitiy, security, and logics and logic programming.