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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2202
Disciplina	004.0151
Soggetti	Computers Algorithms Computer logic Mathematical logic 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 Data Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
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 Gemination 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
 λ calculus and types, algorithms and data structures, new
computing paradigms, formal languages, objects and mobility,
computational complexity, security, and logics and logic programming.
