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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.

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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 complexity, security, and logics and logic programming.

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