

1. Record Nr.	UNISA996466344703316
Titolo	Foundations of software technology and theoretical computer science : 19th conference, Chennai, India, December 13-15, 1999 : proceedings // C. Pandu Rangan, V. Raman, R. Ramanujam (editors)
Pubbl/distr/stampa	Berlin ; ; Heidelberg ; ; New York : , : Springer, , [1999] Â©1999
ISBN	3-540-46691-6
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (XII, 460 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1738
Disciplina	005.1
Soggetti	Software engineering
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 at the end of each chapters and index.
Nota di contenuto	Invited Talk 1 -- Recent Developments in the Theory of Arrangements of Surfaces -- Session 1(a) -- Dynamic Compressed Hyperoctrees with Application to the N-body Problem -- Largest Empty Rectangle among a Point Set -- Session 1(b) -- Renaming Is Necessary in Timed Regular Expressions -- Product Interval Automata: A Subclass of Timed Automata -- Session 2(a) -- The Complexity of Rebalancing a Binary Search Tree -- Fast Allocation and Deallocation with an Improved Buddy System -- Session 2(b) -- Optimal Bounds for Transformations of ?-Automata -- CTL+ Is Exponentially More Succinct than CTL -- Invited Talk 2 -- A Top-Down Look at a Secure Message -- Session 3 -- Explaining Updates by Minimal Sums -- A Foundation for Hybrid Knowledge Bases -- Session 4 -- Hoare Logic for Mutual Recursion and Local Variables -- Invited Talk 3 -- Explicit Substitutions and Programming Languages -- Session 5(a) -- Approximation Algorithms for Routing and Call Scheduling in All-Optical Chains and Rings -- A Randomized Algorithm for Flow Shop Scheduling -- Session 5(b) -- Synthesizing Distributed Transition Systems from Global Specifications -- Beyond Region Graphs: Symbolic Forward Analysis of Timed Automata -- Session 6 -- Implicit Temporal Query Languages: Towards Completeness -- On the Undecidability of Some Sub-classical First-Order Logics -- Invited Talk 4 -- How to Compute with DNA -- Session

7(a) -- A High Girth Graph Construction and a Lower Bound for Hitting Set Size for Combinatorial Rectangles -- Protecting Facets in Layered Manufacturing -- Session 7(b) -- The Receptive Distributed  $\lambda$ -Calculus -- Series and Parallel Operations on Pomsets -- Session 8 -- Unreliable Failure Detectors with Limited Scope Accuracy and an Application to Consensus -- Invited Talk 5 -- Graph Isomorphism: Its Complexity and Algorithms -- Session 9(a) -- Computing with Restricted Nondeterminism: The Dependence of the OBDD Size on the Number of Nondeterministic Variables -- Lower Bounds for Linear Transformed OBDDs and FBDDs -- Session 9(b) -- A Unifying Framework for Model Checking Labeled Kripke Structures, Modal Transition Systems, and Interval Transition Systems -- Graded Modalities and Resource Bisimulation -- Session 10(a) -- The Non-recursive Power of Erroneous Computation -- Analysis of Quantum Functions -- Session 10(b) -- On Sets Growing Continuously -- Model Checking Knowledge and Time in Systems with Perfect Recall -- FST&TCS — ISAAC Joint Session Talks -- The Engineering of Some Bipartite Matching Programs.

---