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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2421
Disciplina	004.35
Soggetti	Computers Computer architecture Computer logic Programming languages (Electronic computers) Computer programming Theory of Computation Computer System Implementation Logics and Meanings of Programs Computation by Abstract Devices Programming Languages, Compilers, Interpreters Programming Techniques
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 Talks -- Refinement and Verification Applied to an In-Flight Data Acquisition Unit* -- A Deductive Proof System for CTL* -- Event-State Duality: The Enriched Case -- Expressive Power of Temporal Logics -- Types, or: Where's the Difference Between CCS and ?? -- Invited Tutorials -- to Modal and Temporal Mu-Calculi -- Types for Cryptographic Protocols -- Verification, Model Checking -- Network Invariants in Action* -- Regular Model Checking Made Simple and Efficient* -- A Hierarchy of Polynomial-Time Computable Simulations for Automata -- A Decidable Class of Asynchronous Distributed Controllers -- Alphabet-Based Synchronisation is Exponentially

Cheaper -- Safe Realizability of High-Level Message Sequence Charts\*  
-- Widening the Boundary between Decidable and Undecidable Hybrid  
Systems\* -- Logic -- A Spatial Logic for Concurrency (Part II) --  
Reducing Model Checking from Multi-valued CTL\* to CTL\* -- Local  
Model Checking Games for Fixed Point Logic with Chop -- A Decidable  
Fixpoint Logic for Time-Outs\* -- Mobility -- A Calculus of Mobile  
Resources\* -- Using Ambients to Control Resources\* -- Typing and  
Subtyping Mobility in Boxed Ambients\* -- Orchestrating Transactions  
in Join Calculus\* -- Probabilistic Systems -- Simulation for  
Continuous-Time Markov Chains -- Weak Bisimulation is Sound and  
Complete for PCTL\* -- Decision Algorithms for Probabilistic  
Bisimulation\* -- Models of Computation, Process Algebra --  
Axiomatizing an Algebra of Step Reactions for Synchronous Languages  
-- Regular Sets of Pomsets with Autoconcurrency -- The Fusion  
Machine -- HOPLA—A Higher-Order Process Language -- A First Order  
Coalgebraic Model of  $\tau$ -Calculus Early Observational Equivalence\* --  
Traces, Pomsets, Fairness and Full Abstraction for Communicating  
Processes -- Security -- A Framework for the Analysis of Security  
Protocols\* -- On Name Generation and Set-Based Analysis in the  
Dolev-Yao Model -- On the Decidability of Cryptographic Protocols  
with Open-Ended Data Structures -- Petri Nets -- Causality Semantics  
of Petri Nets with Weighted Inhibitor Arcs -- Refinement-Robust  
Fairness -- Bisimulation -- Decidability of Strong Bisimilarity for Timed  
BPP -- Undecidability of Weak Bisimilarity for Pushdown Processes --  
Why Is Simulation Harder than Bisimulation?

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