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Nota di contenuto	Concurrent and Distributed Systems -- Checking Deadlock-Freedom of Parametric Component-Based Systems -- The mCRL2 Toolset for Analysing Concurrent Systems: Improvements in Expressivity and Usability -- Automatic Analysis of Consistency Properties of Distributed Transaction Systems in Maude -- Multi-Core On-The-Fly Saturation --

Monitoring and Runtime Verification -- Specification and Efficient Monitoring Beyond STL -- VyPR2: A Framework for Runtime Verification of Python Web Services -- Constraint-based Monitoring of Hyperproperties -- Hybrid and Stochastic Systems -- Tail Probabilities for Runtimes of Randomized Programs: Martingale Synthesis for Higher Moments -- Computing the Expected Execution Time of Probabilistic Workflow Nets -- Shepherding Hordes of Markov Chains -- Optimal Time-Bounded Reachability Analysis for Concurrent Systems -- Synthesis -- Minimal-Time Synthesis for Parametric Timed Automata -- Environmentally-friendly GR(1) Synthesis -- StocHy: automated verification and synthesis of stochastic processes -- Synthesis of Symbolic Controllers: A Parallelized and Sparsity-Aware Approach -- Symbolic Verification -- iRank: a variable order metric for DEDS subject to linear invariants -- Binary Decision Diagrams with Edge-Specified Reductions -- Effective Entailment Checking for Separation Logic with Inductive Definitions -- Safety and Fault-Tolerant Systems -- Digital Bifurcation Analysis of TCP Dynamics -- Verifying Safety of Synchronous Fault-Tolerant Algorithms by Bounded Model Checking -- Measuring Masking Fault-Tolerance -- PhASAR: An Inter-Procedural Static Analysis Framework for C/C++.

Sommario/riassunto

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