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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2324
Disciplina	004.2/4
Soggetti	Computer engineering Computers Computer system failures Software engineering Computer simulation Computer Engineering Theory of Computation System Performance and Evaluation Software Engineering Simulation and Modeling
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Heavy Tails: The Effect of the Service Discipline -- The Möbius State-Level Abstract Functional Interface -- The ProC/BToolset for the Modelling and Analysis of Process Chains -- MRMSolve: Distribution Estimation of Large Markov Reward Models -- PhFit: A General Phase-Type Fitting Tool -- Traffic Modeling of IP Networks Using the Batch Markovian Arrival Process -- PEPA Nets: A Structured Performance Modelling Formalism -- Validation of GSPN and SWN Models through the PROD Tool -- Software Performance Models from System Scenarios in Use Case Maps -- Applying the UML Performance Profile: Graph Grammar-Based Derivation of LQN Models from UML Specifications --

A Passage-Time Preserving Equivalence for Semi-Markov Processes --
Symbolic Methods for the State Space Exploration of GSPN Models --
PRISM: Probabilistic Symbolic Model Checker -- MAMSolver: A Matrix
Analytic Methods Tool -- The MOMBASA Software Environment - A
Toolkit for Performance Evaluation of Multicast-Based Mobility Support
-- GILK: A Dynamic Instrumentation Tool for the Linux Kernel -- Geist:
A Web Traffic Generation Tool -- DrawNET++: Model Objects to
Support Performance Analysis and Simulation of Systems -- A Visual
Formalism for the Composition of Stochastic Petri Nets -- Symbolic
Performance Prediction of Data-Dependent Parallel Programs --
Analysis of a Transaction System with Checkpointing, Failures, and
Rollback -- Analyzing Voice-over-IP Subjective Quality as a Function of
Network QoS: A Simulation-Based Methodology and Tool --
Hierarchical Workload Characterization for a Busy Web Server --
Enabling Network Caching of Dynamic Web Objects -- A Tool for
Controlling Response Time in Real-Time Systems.
