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Collana	Programming and Software Engineering, , 2945-9168 ; ; 5261
Disciplina	004.0151
Soggetti	Computer science Software engineering Electronic digital computers - Evaluation Computer programming Theory of Computation Software Engineering System Performance and Evaluation Programming Techniques Models of Computation
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Performance and Dependability Evaluation: Successes, Failures and Challenges -- Partial Evaluation of PEPA Models for Fluid-Flow Analysis -- Software Performance Engineering -- An Empirical Investigation of the Applicability of a Component-Based Performance Prediction Method -- A Calibration Framework for Capturing and Calibrating Software Performance Models -- Performance Evaluation of Embedded ECA Rule Engines: A Case Study -- Stochastic Process Algebra and SANs -- Towards State Space Reduction Based on T-Lumpability-Consistent Relations -- A Ticking Clock: Performance Analysis of a Circadian Rhythm with Stochastic Process Algebra -- Assembly Code Analysis Using Stochastic Process Algebra -- Product Form Steady-State Distribution for Stochastic Automata Networks with

Domino Synchronizations -- Performance Query Specification and Measurement -- State-Aware Performance Analysis with eXtended Stochastic Probes -- Computer and Communications Networks -- Natural Language Specification of Performance Trees -- Recurrent Method for Blocking Probability Calculation in Multi-service Switching Networks with BPP Traffic -- An Approximate Model of the WCDMA Interface Servicing a Mixture of Multi-rate Traffic Streams with Priorities -- Queueing Theory and Markov Chains -- Performance Analysis of Dynamic Priority Shifting -- Performance Analysis of a Priority Queue with Place Reservation and General Transmission Times -- Analysis of BMAP/G/1 Vacation Model of Non-M/G/1-Type -- Applications -- Stochastic Bounds for Partially Generated Markov Chains: An Algebraic Approach -- Evaluation of P2P Algorithms for Probabilistic Trust Inference in a Web of Trust -- Approximation for Multi-service Systems with Reservation by Systems with Limited-Availability.

Sommario/riassunto

This book constitutes the proceedings of the Fifth European Performance Engineering Workshop, EPEW 2008, held in Palma de Mallorca, Spain, in September 24-25, 2008. The 17 papers presented in this volume, together with abstracts of 2 invited papers, were carefully reviewed and selected from 39 submissions. The topics covered are software performance engineering; stochastic process algebra and SANs; performance query specification and measurement; computer and communications networks; queueing theory and Markov chains; and applications.
