1. Record Nr. UNINA9910483142203321

Titolo	Analytical and stochastic modeling techniques and applications : 17th International Conference, ASMTA 2010, Cardiff, UK, June 14-16, 2010 : proceedings / / Khalid Al-Begain, Dieter Fiems, William J. Knottenbelt (eds.)
Pubbl/distr/stampa	New York, : Springer, 2010
ISBN	1-280-38710-6 9786613565020 3-642-13568-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (XI, 409 p. 132 illus.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 6148 LNCS sublibrary. SL 2, Programming and software engineering
Altri autori (Persone)	Al-BegainKhalid FiemsDieter KnottenbeltWilliam J
Disciplina	004.6015118
Soggetti	Stochastic processes Stochastic models
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 and index.
Nota di contenuto	Queueing Theory I -- A Batch-Service Queueing Model with a Discrete Batch Markovian Arrival Process -- Queueing System MAP/PH/N with Propagated Failures -- Analysis of a Discrete-Time Queueing System with an NT-Policy -- Packet Loss Minimization in Load-Balancing Switch -- Queueing Theory II -- The Preemptive Repeat Hybrid Server Interruption Model -- Networks of Symmetric Multi-class Queues with Signals Changing Classes -- Product-Form Solutions for Models with Joint-State Dependent Transition Rates -- The qnetworks Toolbox: A Software Package for Queueing Networks Analysis -- Specification Languages and Tools -- Rewriting Logic Based Performance Estimation of Embedded Systems -- A Formal Language toward the Unification of Model Checking and Performance Evaluation -- Security Evaluation of Layered Intrusion Tolerant Systems -- Stochastic PERT and CAST Logic Approach for Computer Support of Complex Operation Planning -- Telecommunication Systems I -- Perfect Sampling of Load Sharing

Policies in Large Scale Distributed Systems -- Stochastic Comparisons for Performability of Telecommunication Systems -- Model-Based Stochastic Simulation of P2P VoIP Using Graph Transformation System -- Performance Evaluation of Media Segmentation Heuristics Using Non-markovian Multi-class Arrival Processes -- Telecommmunication Systems II -- A Formal Approach to Investigate the Performance of Modern E-commerce Services -- Leader Election in Anonymous Radio Networks: Model Checking Energy Consumption -- Upper Bound on Overall Delay in Wireless Broadband Networks with Non Real-Time Traffic -- Estimation -- Robustness of the Whittle Estimator Applied to Non-Gaussian Long-Range Dependent Processes -- Service Time Estimation with a Refinement Enhanced Hybrid Clustering Algorithm -- Invariant Embedding Technique and Its Applications for Improvement or Optimization of Statistical Decisions -- Prediction -- Prediction Model Selection and Spare Parts Ordering Policy for Efficient Support of Maintenance and Repair of Equipment -- Prediction-Based Dynamic Target Interception Using Discrete Markov Chains -- Neural Networks as Surrogate Models for Measurements in Optimization Algorithms -- Stochastic Modelling -- Limit Behavior of the Hybrid Approximation of Stochastic Process Algebras -- Analysis of an Automated Auction with Concurrent Multiple Unit Acceptance Capacity -- Congestive Collapse and Its Avoidance in a Dynamic Dial-a-Ride System with Time Windows.