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   Titolo   The realm of science / David Rosemberg director, Stanley B. Brown, editor-in-chief, L.Barbara Brown, Associate Editor ; Scientific advisory board : cairman Hilary J. Deason... and others

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   Soggetti   Software engineering
   Computer networks
   Electronic digital computers—Evaluation
   Application software
   Computer science—Mathematics
   Mathematical statistics
   Algorithms
   Software Engineering
   Computer Communication Networks
   System Performance and Evaluation
   Computer and Information Systems Applications

Probability and Statistics in Computer Science

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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.