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Nota di contenuto	Traffic Modeling -- Markovian Characterisation of H.264/SVC Scalable Video -- Using the Whittle Estimator for the Selection of an Autocorrelation Function Family -- Using Load Transformations to Predict the Impact of Packet Fragmentation and Losses on Markovian Arrival Processes -- Queueing Systems -- Modeling Web Server Traffic with Session-Based Arrival Streams -- Mixed Finite-/Infinite-Capacity Priority Queue with Interclass Correlation -- Performance Evaluation of a Gradual Differentiation Scheme for Telecommunication Networks -- Analytical Methods and Applications -- An Analytical Study of the Resource Diffusion in Non-homogeneous P2P Networks -- A Hessenberg Markov Chain for Fast Fibre Delay Line Length Optimization -- Stochastic Fatigue Models for Efficient Planning Inspections in Service of Aircraft Structures -- Distributions in Stochastic Modeling -- Effective Minimization of Acyclic Phase-Type Representations -- A Response Time Distribution Model for Zoned RAID -- Exact Sojourn Time Distribution in an Online IPTV Recording System -- Queueing Networks -- An Empirical Case-Study of a Central-Server-Model on System Performance -- A Tandem Queueing Model for Delay Analysis

in Disconnected Ad Hoc Networks -- Exact Asymptotic Analysis of Closed BCMP Networks with a Common Bottleneck -- Multiclass G-Networks of Processor Sharing Queues with Resets -- Simulation and Model Checking -- Simulation of a Peer to Peer Market for Grid Computing -- Perfect Simulation of Stochastic Automata Networks -- Model Checking of Infinite State Space Markov Chains by Stochastic Bounds -- Wireless Networks -- Bottleneck Analysis for Two-Hop IEEE 802.11e Ad Hoc Networks -- Contention-Based Polling Efficiency in Broadband Wireless Networks -- Performance Evaluation of the High Speed Downlink Packet Access in Communications Networks Based on High Altitude Platforms.

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