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	Discrete mathematics
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Optimal Analysis for M/G/1 Retrial Queue with Two-Way Communication -- Use of Flow Equivalent Servers in the Transient Analysis of Product Form Queuing Networks -- Model Checking of Open Interval Markov Chains -- Performance modeling of cellular systems with finite processor sharing queues in random environment, guard policy and flex retrial users -- Efficient Performance Evaluation of Wireless Networks with Varying Channel Conditions -- Mixed Networks with multiple classes of customers and restart --

Interconnected Wireless Sensors with Energy Harvesting -- Measuring the distance between MAPs and some applications -- Task delegation in a peer-to-peer volunteer computing platform -- On convergence rate to stationarity of queues with general Gaussian input -- Model-based Quantitative Security Analysis of Mobile Offloading Systems under Timing Attacks -- Single-Server Systems with Power-Saving Modes -- Multiserver Queues with Finite Capacity and Setup Time -- Power consumption analysis of replicated virtual applications -- On the Influence of High-Priority Customers on a Generalized Processor Sharing Queue.

Sommario/riassunto	This book constitutes the refereed proceedings of the 22nd International Conference on Analytical and Stochastic Modelling Techniques and Applications, ASMTA 2015, held in Albena, Bulgaria, in May 2015. The 15 full papers presented in this book were carefully reviewed and selected from numerous submissions. The papers discuss the latest developments in analytical, numerical and simulation algorithms for stochastic systems, including Markov processes, queueing networks, stochastic Petri nets, process algebras, game theory, etc.