1.	Record Nr.	UNINA9910483268503321
	Titolo	Analytical and Stochastic Modelling Techniques and Applications : 22nd International Conference, ASMTA 2015, Albena, Bulgaria, May 26-29, 2015. Proceedings / / edited by Marco Gribaudo, Daniele Manini, Anne Remke
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
	ISBN	3-319-18579-9
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (X, 217 p. 98 illus.)
	Collana	Programming and Software Engineering ; ; 9081
	Disciplina	519.23
	Soggetti	Software engineering
		Optical data processing
		Computer science—Mathematics
		Pattern recognition
		Data structures (Computer science)
		Software Engineering
		Image Processing and Computer Vision
		Math Applications in Computer Science
		Discrete Mathematics in Computer Science
		Pattern Recognition
		Data Structures
	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	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.