

1. Record Nr.	UNINA9910437602503321
Autore	Sadiku Matthew N.O
Titolo	Performance Analysis of Computer Networks / / by Matthew N.O. Sadiku, Sarhan M. Musa
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	3-319-01646-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (288 p.)
Disciplina	004.36
Soggetti	Computer networks Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Probability and Random Variables -- Stochastic Processes -- Queueing Models -- Simulation -- Local Area Networks -- Metropolitan Area Networks -- Wide Area Networks -- Wireless Networks -- Self-Similarity of Network Traffic.
Sommario/riassunto	This book covers performance analysis of computer networks, and begins by providing the necessary background in probability theory, random variables, and stochastic processes. Queuing theory and simulation are introduced as the major tools analysts have access to. It presents performance analysis on local, metropolitan, and wide area networks, as well as on wireless networks. It concludes with a brief introduction to self-similarity. Designed for a one-semester course for senior-year undergraduates and graduate engineering students, it may also serve as a fingertip reference for engineers developing communication networks, managers involved in systems planning, and researchers and instructors of computer communication networks.