

1. Record Nr.	UNINA9910139590403321
Autore	Ibe Oliver C (Oliver Chukwudi), <1947->
Titolo	Fundamentals of stochastic networks / / Oliver C. Ibe
Pubbl/distr/stampa	Lowell, Mass., : John Wiley & Sons Inc., c2011
ISBN	9786613257833 9781283257831 1283257831 9781118092989 1118092988 9781118092972 111809297X 9781118092996 1118092996
Edizione	[1st edition]
Descrizione fisica	1 online resource (309 p.)
Disciplina	519.2/2
Soggetti	Queuing theory Stochastic analysis
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	FUNDAMENTALS OF STOCHASTIC NETWORKS; CONTENTS; PREFACE; ACKNOWLEDGMENTS; 1: BASIC CONCEPTS IN PROBABILITY; 2: OVERVIEW OF STOCHASTIC PROCESSES; 3: ELEMENTARY QUEUEING THEORY; 4: ADVANCED QUEUEING THEORY; 5: QUEUEING NETWORKS; 6: APPROXIMATIONS OF QUEUEING SYSTEMS AND NETWORKS; 7: ELEMENTS OF GRAPH THEORY; 8: BAYESIAN NETWORKS; 9: BOOLEAN NETWORKS; 10: RANDOM NETWORKS; REFERENCES; INDEX
Sommario/riassunto	An interdisciplinary approach to understanding queueing and graphical networks In today's era of interdisciplinary studies and research activities, network models are becoming increasingly important in various areas where they have not regularly been used. Combining techniques from stochastic processes and graph theory to analyze the behavior of networks, Fundamentals of Stochastic Networks provides an interdisciplinary approach by including practical applications of

these stochastic networks in various fields of study, from engineering
and operations management to communicatio
