1. Record Nr. UNINA9910830202903321

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Titolo	Queues applied to telecoms : courses and exercises / / Toky Basilide Ravaliminoarimalalason and Falimanana Randimbindrainibe
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, Inc., , [2023] ©2023
ISBN	1-394-19198-7 1-394-19196-0
Descrizione fisica	1 online resource (271 pages)
Collana	Networks and telecommunications series
Disciplina	621.382
Soggetti	Queuing networks (Data transmission) Telecommunication systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front Matter -- Typical Processes in Queues. The Poisson Process -- Markov Chains -- Queues. Common Queues -- Product-Form Queueing Networks -- Teletraffic. Notion of Teletraffic -- Resource Requests and Activity -- The Teletraffic of Loss Systems -- Teletraffic in Delay Systems -- Answers to Exercises. Chapter 1 Exercises -- Chapter 2 Exercises -- Chapter 3 Exercises -- Chapter 4 Exercise -- Chapter 5 Exercises -- Chapter 6 Exercises -- Chapter 7 Exercises -- Chapter 8 Exercises -- Appendices. Appendix 1: Erlang-B Table -- Appendix 2: Erlang-C Table -- References -- Index -- Other titles from ISTE in Networks and Telecommunications
Sommario/riassunto	From queues to telecoms. Queues are, of course, omnipresent in our world, at the bank, the supermarket, the shops, on the road... and yes, they also exist in the domain of telecoms. Queues Applied to Telecoms studies the theoretical aspect of these queues, from Poisson processes, Markov chains and queueing systems to queueing networks. The study of the use of their resources is addressed by the theory of teletraffic. This book also outlines the basic ideas in the theory of teletraffic, presenting the teletraffic of loss systems and waiting systems. However, some applications and explanations are more oriented towards the field of telecommunications, and this book contains

lectures and more than sixty corrected exercises to cover these topics.
On your marks....