1. Record Nr. UNINA9911019638903321

Autore	Mandjes Michel (Michael Robertus Hendrikus), <1970->
Titolo	Large deviations for Gaussian queues : modelling communication networks / / Michel Mandjes
Pubbl/distr/stampa	Chichester, : Wiley, c2007
ISBN	9786610856077 9781280856075 1280856076 9780470515099 0470515090 9780470515082 0470515082
Descrizione fisica	1 online resource (338 p.)
Disciplina	621.38215015192
Soggetti	Gaussian processes Telecommunication - Traffic - Mathematical models
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	pt. A. Gaussian traffic and large deviations -- pt. B. Large deviations of Gaussian queues -- pt. C. Applications.
Sommario/riassunto	In recent years the significance of Gaussian processes to communication networks has grown considerably. The inherent flexibility of the Gaussian traffic model enables the analysis, in a single mathematical framework, of systems with both long-range and short-range dependent input streams. Large Deviations for Gaussian Queues demonstrates how the Gaussian traffic model arises naturally, and how the analysis of the corresponding queuing model can be performed. The text provides a general introduction to Gaussian queues, and surveys recent research into the modelling of communications n