

1. Record Nr.	UNINA9911019274503321
Titolo	Reliability, survivability and quality of large scale telecommunication systems : case studies : Olympic Games / / edited by Peter Stavroulakis
Pubbl/distr/stampa	New York, : J. Wiley, c2003
ISBN	9786610271122 9781280271120 1280271124 9780470336359 0470336358 9780470859308 047085930X 9780470860816 0470860812
Descrizione fisica	1 online resource (371 p.)
Altri autori (Persone)	StavroulakisPeter
Disciplina	623.382
Soggetti	Telecommunication - Quality control Telecommunication systems - Reliability Olympics - Communication systems - Evaluation
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	RELIABILITY, SURVIVABILITY AND QUALITY OF LARGE SCALE TELECOMMUNICATION SYSTEMS; Contents; List of Contributors; Preface; Acknowledgement; 1 Introduction; 2 Reliability; 2.1 Introduction; 2.2 Reliability of Emerging Internet-based Services; 2.3 Reliability Issues in IP over Photonic Networks; References; 3 Survivability; 3.1 Introduction; 3.2 Key Issues in Survivable Cellular Systems; 3.3 Survivability in Wireless Mobile Networks; References; 4 Quality; 4.1 Introduction; 4.2 Quality of Service Mechanisms in Multimedia Telecommunication Services 4.3 QoS Metrics for Performance Assessment in Integrated Terrestrial-Satellite Multimedia Systems4.4 TCP/IP-based Protocols over Satellite Systems: A Telecommunication Issue; 4.5 Outage Performance

Considerations in Cellular Mobile Radio Networks; 4.6 Signal to Interference and Noise Ratio in Communication Systems as a Quality Measure; References; 5 Applications; 5.1 Introduction; 5.2 Quality Wireless Broadband Home Networking; 5.3 A Reliable ATM Switch Design; 5.4 Quality of Service via an Optimal Routing Model; References; Appendix; A.1 Introduction
A.2 Telecommunications in the 1994 Winter Olympic GamesA.3 Telecommunications at the Nagano 1998 Winter Olympic Games; A.4 Telecommunications Delivery in the Sydney 2000 Olympic Games; A.5 The 2002 Salt Lake City Winter Games Telecommunications Challenge; A.6 Planning Telecommunications for the Athens 2004 Olympic Games; Index

Sommario/riassunto

Competition within the telecommunications companies is growing fiercer by the day. Therefore, it is vital to ensure a high level of quality and reliability within all telecommunications systems in order to guard against faults and the failure of components and network services. Within large scale systems such quality and reliability problems are ever higher. The metrics of Quality and Reliability have to date only been available in journals and technical reports of companies which have designed or produced major parts of systems used in large applications. This book provides a self-cont
