



Communication Networks: Fundamental Concepts and Key Architectures (Second Edition)

By Alberto Leon-Garcia, Indra Widjaja

Tata McGraw-Hill Education Pvt. Ltd., 2004. Softcover. Book Condition: New. 2nd edition. This book is designed for introductory one-semester or one-year courses in communications networks in upper-level undergraduate programs. The second half of the book can be used in more advanced courses. As pre-requisites the book assumes a general knowledge of computer systems and programming, and elementary calculus. The second edition expands on the success of the first edition by updating on technological changes in networks and responding to comprehensive market feedback. Table of contents Chapter 1 Communication Networks and Services Chapter 2 Layered Architectures Chapter 3 Digital Transmission Fundamentals Chapter 4 Circuit-Switching Networks Chapter 5 Peer-to-Peer Protocols and Data Link Layer Chapter 6 Medium Access Control Protocols and Local Area Networks Chapter 7 Packet-Switching Networks Chapter 8 TCP/IP Chapter 9 ATM Networks Chapter 10 Advanced Network Architectures Chapter 11 Security Protocols Chapter 12 Multimedia Information and Networking Appendix A Delay and Loss Performance Appendix B Network Management Printed Pages: 932.

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