1. Record Nr. UNISA996201055503316

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Titolo	Understanding telecommunications and lightwave systems : an entry-level guide / / John G. Nellist
Pubbl/distr/stampa	Piscataway, New Jersey : , : IEEE Press, , c2002 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2005]
ISBN	1-280-54208-X 9786610542086 0-471-66102-3 0-471-72285-5
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (282 p.)
Collana	IEEE Press understanding science & technology series ; ; 20
Disciplina	621.382 621.3827
Soggetti	Telecommunication Optical communications Fiber optics
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	Introduction. The Evolution of Telecommunications. Analog Transmission. Digital Transmission. Basic Multiplexing Techniques. Switching Hierarchy. North American Digital Hierarchies. Transmission. The Local Subscriber Loop. Microwave Radio. Satellite Communications. Switching Systems. Private Branch Exchange. Traffic Considerations. Video Transmission. Wireless. The Computer. The Internet. Lightwave Systems. Telecommunications Glossary. Bibliography. Index. Answers to Review Questions. About the Author.
Sommario/riassunto	The up-to-date edition of the bestselling guide to the basics of telecommunications and digital technology Understanding Telecommunications and Lightwave Systems presents a nontechnical treatment of how voice, video, and multimedia can simultaneously travel over today's evolving telecommunications systems. This updated Third Edition provides a comprehensive overview of the telecommunications field as well as a detailed introduction to the latest lightwave technology. The author's examination of recent techniques

and developing technologies in telecommunications includes: . Third-generation cell phones with microbrowser capabilities. Changes in the global PCS network. Optical switching and transmission parameters. Lightwave systems and Dense Wavelength Division Multiplexing. A new chapter (Chapter 17: The Internet) that examines this multimedia structure and the network economy it has created. Satellite communications, new transcontinental carriers, lightwave undersea systems, and other advances toward improving global communication Understanding Telecommunications and Lightwave Systems is the perfect introduction for anyone whose work requires a fundamental understanding of current developments in telecommunications, as well as for students or inquiring readers who want an overview of telecommunications and the exciting technology of lightwave communications.