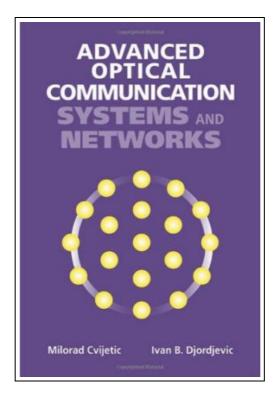
Advanced Optical Communication Systems and Networks Artech House Applied Photonics



Filesize: 6.9 MB

Reviews

Absolutely essential go through pdf. Of course, it can be enjoy, still an amazing and interesting literature. Your way of life period will be convert the instant you comprehensive reading this article ebook.

(Kevin Quigley)

ADVANCED OPTICAL COMMUNICATION SYSTEMS AND NETWORKS ARTECH HOUSE APPLIED PHOTONICS



Artech House. Hardcover. Condition: New. 820 pages. Dimensions: 9.2in. x 6.4in. x 1.8in.Providing straightforward practical guidance, this highly accessible resource presents today s most advanced topics on optical communications and networking. You get the latest details on 5th generation photonic systems that can be readily applied to your projects in the field, Moreover, the book provides valuable, time-saving tools for network simulation and modeling. You find in-depth coverage of optical signal transmission systems and networks. In addition to optical communications fundamentals with detailed description of the optical components and optical signal properties (modulation, propagation and detection), the book includes coverage of a wide range of critical methods and techniques, such as MIMO (multiple-input and multiple-output) by employing spatial modes in few-mode and multicore optical fibers, OFDM (orthogonal frequency-division multiplexing) utilized to enhance the spectral efficiency and to enable elastic optical networking schemes, and advanced modulation and coding schemes to approach the Shannon's channel capacity limit. You find detailed discussions on the basic principles and applications of high-speed digital signal processing. The book also describes the most relevant post-detection compensation techniques, including linear equalizers, adaptive equalizers, maximum-likelihood sequence detectors, blind equalizers, turbo equalizers, digital back-propagation, Wiener filtering, and Volterra series based equalization. Other key topics include advanced concepts on coded-modulation, LDPC-coded turbo equalization, polarization-time coding, spatial-domain-based modulation and coding, and multidimensional signaling. This comprehensive book includes a complete set of problems at the end of each chapter to help you master the material. Contents: Introduction to Optical Communications. Components and Modules. Signal Propagation in Optical Fibers. Optical Noise Sources and Channel Impairments. Advanced Modulation Schemes, Advanced Detection Schemes. Advanced Coding Schemes. Advanced Optical Networking, Optical Channel Capacity and Energy Efficiency. Engineering Tool Box. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Hardcover.



Read Advanced Optical Communication Systems and Networks Artech House Applied Photonics Online Download PDF Advanced Optical Communication Systems and Networks Artech House Applied Photonics

See Also



Daddyteller: How to Be a Hero to Your Kids and Teach Them What's Really by Telling Them One Simple Story at a Time

Createspace, United States, 2013. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****. You have the power, Dad, to influence and educate your child. You can...

Read Document »



Read Write Inc. Phonics: Blue Set 6 Non-Fiction 1 Save the Whale

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 185 x 72 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

Read Document »



Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age
Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy,
Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video...

Pead Document



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

 $Madelyn\ D\ R\ Books.\ Paperback.\ Book\ Condition:\ New.\ Paperback.\ 106\ pages.\ Dimensions:\ 9.0 in.\ x\ 6.0 in.\ x\ 6.0 in.\ x\ 0.3 in. This\ book\ is\ about\ my\ cousin,\ Billy\ a\ guy\ who\ taught\ me\ a\ lot\ over\ the\ years\ and\ who...$

Read Document »



On Becoming Baby Wise, Book Two: Parenting Your Five to Twelve-Month Old Through the Babyhood Transition Parent-Wise Solutions, 2012. Paperback. Book Condition: New. BRAND NEW, Perfect Shape, No Black Remainder Mark, Fast Shipping With Online Tracking, International Orders shipped Global Priority Air Mail, All orders handled with care and shipped promptly in...

Read Document »