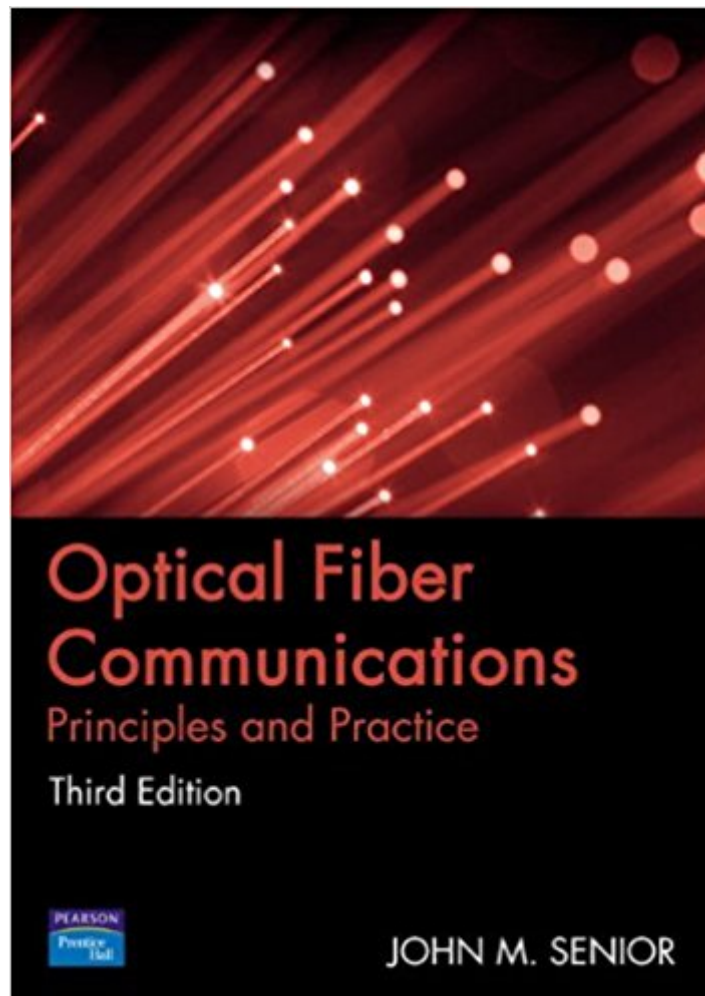




Ebook Directory
the best source of ebook

The book was found

Optical Fiber Communications: Principles And Practice (3rd Edition)



Synopsis

Senior is an established core text in a field that is growing fast, and in which technology is constantly evolving. The text succeeds in giving a practical introduction to the fundamentals, problems and techniques of design and utilisation of optical fiber systems. It is respected as the most comprehensive and practical book in the market. This new edition will retain all core features, while incorporating recent improvements and developments in the field. Optical fiber systems have now become more sophisticated and, as a result, are now the communication method of choice for many systems. New/additional material will include optical amplifiers, soliton systems and optical networks.

Book Information

Paperback: 1128 pages

Publisher: Pearson; 3 edition (December 26, 2008)

Language: English

ISBN-10: 013032681X

ISBN-13: 978-0130326812

Product Dimensions: 6.8 x 2.3 x 9.5 inches

Shipping Weight: 4.1 pounds (View shipping rates and policies)

Average Customer Review: 1.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,682,880 in Books (See Top 100 in Books) #63 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Fiber Optics #254 in Books > Computers & Technology > Graphics & Design > Computer Modelling > Imaging Systems #651 in Books > Science & Math > Physics > Optics

Customer Reviews

This highly successful book, now in its third edition, has been extensively updated to include both new developments and improvements to technology and their utilization within the optical fiber global communications network. The third edition, which contains an additional chapter and many new sections, is now structured into 15 chapters to facilitate a logical progression of the material, to enable both straightforward access to topics and provide an appropriate background and theoretical support. Key features

- An entirely new chapter on optical networks, incorporating wavelength routing and optical switching networks
- A restructured chapter providing new material on optical amplifier technology, wavelength conversion and regeneration, and another focusing entirely on integrated optics and photonics

Many areas

have been updated, including:• • • • low water peak and high performance single-mode fibers, photonic crystal fibers, coherent and particularly phase-modulated systems,• • and optical networking techniques • Inclusion of relevant up-to-date standardization developments Mathematical fundamentals• • where appropriate • Increased number of worked examples, problems and new references • This new edition remains an extremely comprehensive introductory text with a practical orientation for undergraduates and postgraduate engineers and scientists. It provides excellent coverage of all aspects of the technology and encompasses the new developments in the field. Hence it continues to• • be of substantial benefit and assistance for practising engineers, technologists and scientists who need access to a wide-ranging and up-to-date reference to this continually expanding field. • Professor John Senior is Pro Vice-Chancellor for Research and Dean of the Faculty of Engineering and Information Sciences at the University of Hertfordshire, UK. • • • • • • • •

Professor John Senior is Pro Vice-Chancellor for Research and Dean of the Faculty of Engineering and Information Sciences at the University of Hertfordshire, UK.

Terrible book to learn from. Might be a good reference, but very poor for undergrad fiber optics course. Lots of errors and very scattered information. Always find myself paging backwards and then forwards to find information that should be on the same page. Not a great undergrad text

[Download to continue reading...](#)

High Fiber Recipes: 101 Quick and Easy High Fiber Recipes for Breakfast, Snacks, Side Dishes, Dinner and Dessert (high fiber cookbook, high fiber diet, high fiber recipes, high fiber cooking) Optical Fiber Communications: Principles and Practice (3rd Edition) Optical Thin Films: User's Handbook (Macmillan Series in Optical and Electro-Optical Engineering) Optical Fiber Communications Resistant Starch: The Resistant Starch Bible: Resistant Starch - Gut Health, Fiber, Gut Balance (Gut Balance, Glycemic, Natural Antibiotics, Dietary Fiber, SIBO, Soluble Fiber, Healthy Gut Book 1) Foods High in Fiber Cookbook: List of High Fiber Foods for a Healthy Lifestyle - Recipes for High Fiber Foods Data and Computer Communications (10th Edition) (William Stallings Books on Computer and Data Communications) Handbook of Optical and Laser Scanning, Second Edition (Optical Science and Engineering) Simulation and Software Radio for Mobile Communications (Artech House Universal Personal Communications) Photonics: Optical Electronics in Modern Communications (The Oxford Series in Electrical and Computer Engineering) Digital Optical Communications (Optics and Photonics) Fiber Optic Communications (5th Edition)

Fiber Optic Communications (4th Edition) Handbook of Organic Materials for Optical and (Opto)Electronic Devices: Properties and Applications (Woodhead Publishing Series in Electronic and Optical Materials) Optical Fiber Telecommunications Volume VIB, Sixth Edition: Systems and Networks (Optics and Photonics) Optical Fiber Telecommunications Volume VIA, Sixth Edition: Components and Subsystems (Optics and Photonics) Design of Integrated Circuits for Optical Communications SONET: A Guide to Synchronous Optical Network (McGraw-Hill Computer Communications Series) Electro-Optical Displays (Optical Science and Engineering) optical communication and splicing: optical networks

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)