

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies)

By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang

Download now

Read Online

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang

Describes the major architectures, standards, and technologies of Passive Optical Networks (PONs)

The ComSoc Guide to Passive Optical Networks provides readers with a concise explanation of the key features of Passive Optical Networks (PONs); the different types of PON architectures and standards; key issues of PON devices, management, and implementation; and the promising business opportunities in access networks.

Written for a broad audience, ranging from developers to users, this indispensable book provides an understanding o the evolutionary path of PON access systems and their positioning with respect to the cable, copper, and wireless competitors for broadband access networks. In addition, The ComSoc Guide to Passive Optical Networks:

- Provides brief, high-level overviews of the architectures and applications of Fiber-to-the-Home (FTTH) or Fiber-to-the-Curb (FTTC) access networks and the alternative HFC, subscriber line, and WiMAX access systems
- Awards readers with a clear understanding of what BPON, GPON, WDM-PON and EPON are and how they work, together with an introduction to their respective standards
- Carefully defines all acronyms and technical terms, making the book accessible to those who may not be specialists in this area
- Gives readers an appreciation of the last mile problems in telecommunications access networks, and the opportunities in optical-wireless integration

Download The ComSoc Guide to Passive Optical Networks: Enha ...pdf

Read Online The ComSoc Guide to Passive Optical Networks: En ...pdf

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies)

By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang

Describes the major architectures, standards, and technologies of Passive Optical Networks (PONs)

The ComSoc Guide to Passive Optical Networks provides readers with a concise explanation of the key features of Passive Optical Networks (PONs); the different types of PON architectures and standards; key issues of PON devices, management, and implementation; and the promising business opportunities in access networks.

Written for a broad audience, ranging from developers to users, this indispensable book provides an understanding o the evolutionary path of PON access systems and their positioning with respect to the cable, copper, and wireless competitors for broadband access networks. In addition, The ComSoc Guide to Passive Optical Networks:

- Provides brief, high-level overviews of the architectures and applications of Fiber-to-the-Home (FTTH) or Fiber-to-the-Curb (FTTC) access networks and the alternative HFC, subscriber line, and WiMAX access systems
- Awards readers with a clear understanding of what BPON, GPON, WDM-PON and EPON are and how they work, together with an introduction to their respective standards
- Carefully defines all acronyms and technical terms, making the book accessible to those who may not be specialists in this area
- Gives readers an appreciation of the last mile problems in telecommunications access networks, and the opportunities in optical-wireless integration

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang Bibliography

- Sales Rank: #1930329 in eBooks
- Published on: 2012-03-20
- Released on: 2012-03-20
- Format: Kindle eBook

Download The ComSoc Guide to Passive Optical Networks: Enha ...pdf

Read Online The ComSoc Guide to Passive Optical Networks: En ...pdf

Download and Read Free Online The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang

---

Editorial Review

About the Author
Stephen Weinstein, PhD, is an independent consultant (Communication Theory and Technology Consulting LLC) advising industrial clients and law firms. An IEEE Life Fellow, he invented the data-driven echo cancellation technique used in voiceband modems and pioneered the application of the Fast Fourier Transform to OFDM/DMT modulation.

Yuanqiu Luo, PhD, is a staff engineer in the advanced technology department of Futurewei (Huawei) Technologies. She is a co-editor of ITU-T Recommendations G.987 and G.987.3 and a clause editor of IEEE Standard 802.1AS. A recipient of the IEEE Standards Award in 2011, Dr. Luo has authored more than forty publications.

Ting Wang, PhD, is Department Head for NEC Laboratories America, Inc. Active in the IEEE Communications Society, Dr. Wang is Vice Chair of the Integrated Fiber & Wireless Technologies Committee, and is author of more than one hundred published papers.

Users Review

From reader reviews:

Shawn Midkiff:

With other case, little persons like to read book The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies). You can choose the best book if you'd prefer reading a book. As long as we know about how is important any book The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies). You can add expertise and of course you can around the world by a book. Absolutely right, mainly because from book you can realize everything! From your country till foreign or abroad you will be known. About simple issue until wonderful thing you may know that. In this era, we can easily open a book or perhaps searching by internet product. It is called e-book. You can use it when you feel uninterested to go to the library. Let's examine.

Linda Gabriel:

The reserve with title The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) has lot of information that you can understand it. You can get a lot of help after read this book. That book exist new expertise the information that exist in this e-book represented the condition of the world currently. That is important to yo7u to learn how the improvement of the world. This specific book will bring you with new era of the internationalization. You can read the e-book on your smart phone, so you can read it anywhere you want.

Bryan Donovan:

The reason why? Because this The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) is an unordinary book that the inside of the guide waiting for you to snap the idea but latter it will distress you with the secret it inside. Reading this book next to it was fantastic author who have write the book in such incredible way makes the content interior easier to understand, entertaining method but still convey the meaning entirely. So , it is good for you for not hesitating having this nowadays or you going to regret it. This amazing book will give you a lot of benefits than the other book possess such as help improving your proficiency and your critical thinking way. So , still want to hesitate having that book? If I ended up you I will go to the reserve store hurriedly.

John Hill:

The book untitled The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) contain a lot of information on the idea. The writer explains the girl idea with easy means. The language is very easy to understand all the people, so do not necessarily worry, you can easy to read the item. The book was written by famous author. The author provides you in the new era of literary works. It is easy to read this book because you can read on your smart phone, or gadget, so you can read the book throughout anywhere and anytime. If you want to buy the e-book, you can wide open their official web-site along with order it. Have a nice learn.

Download and Read Online The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang #G0T256KLJI3

Read The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang for online ebook

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang books to read online.

Online The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang ebook PDF download

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang Doc

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang Mobipocket

The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access (The ComSoc Guides to Communications Technologies) By Stephen B. Weinstein, Yuanqiu Luo, Ting Wang EPub