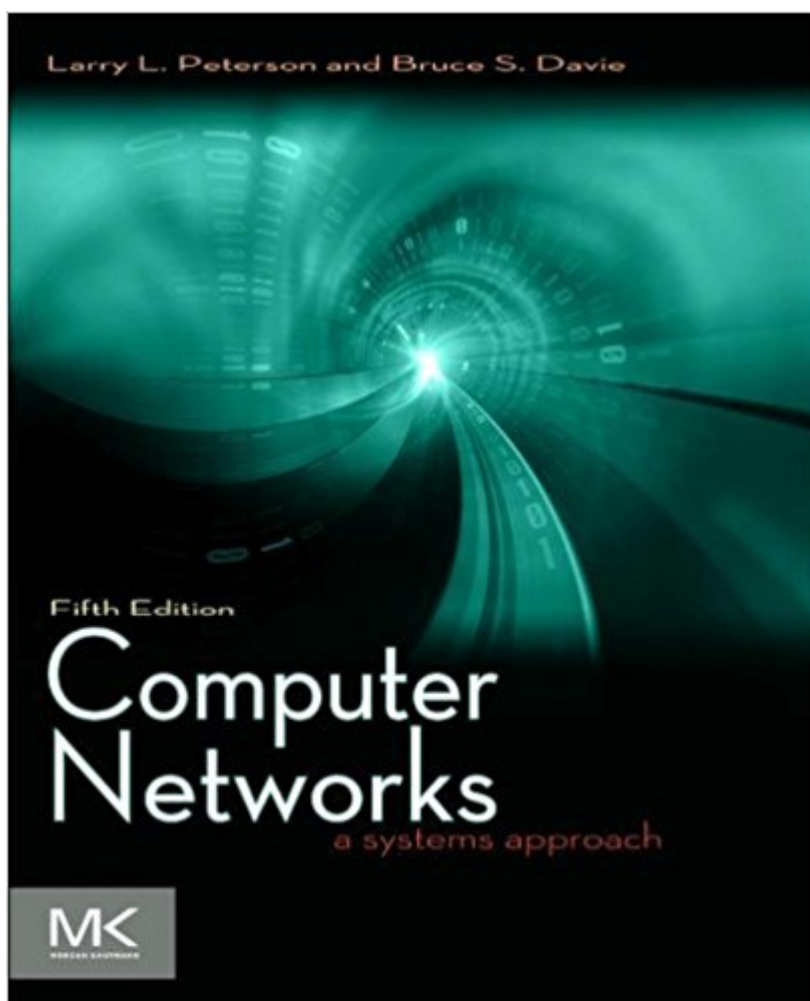The book was found

Computer Networks: A Systems Approach (The Morgan Kaufmann Series In Networking)

Synopsis

Computer Networks: A Systems Approach, Fifth Edition, explores the key principles of computer networking, with examples drawn from the real world of network and protocol design. Using the Internet as the primary example, this best-selling and classic textbook explains various protocols and networking technologies. The systems-oriented approach encourages students to think about how individual network components fit into a larger, complex system of interactions. This book has a completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, network security, and network applications such as e-mail and the Web, IP telephony and video streaming, and peer-to-peer file sharing. There is now increased focus on application layer issues where innovative and exciting research and design is currently the center of attention. Other topics include network design and architecture; the ways users can connect to a network; the concepts of switching, routing, and internetworking; end-to-end protocols; congestion control and resource allocation; and end-to-end data. Each chapter includes a problem statement, which introduces issues to be examined; shaded sidebars that elaborate on a topic or introduce a related advanced topic; WhatÃ¢â¬â„¢s Next? discussions that deal with emerging issues in research, the commercial world, or society; and exercises. This book is written for graduate or upper-division undergraduate classes in computer networking. It will also be useful for industry professionals retraining for network-related assignments, as well as for network practitioners seeking to understand the workings of network protocols and the big picture of networking. Completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, security, and applicationsIncreased focus on application layer issues where innovative and exciting research and design is currently the center of attentionFree downloadable network simulation software and lab experiments manual available

Book Information

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #184,281 Paid in Kindle Store (See Top 100 Paid in Kindle Store)   #160 inÃ Â Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs > Networks   #194 inÃ Â Kindle Store > Kindle eBooks > Computers & Technology > Networking & Communications > Networks, Protocols & APIs   #470 inÃ Â Kindle Store > Kindle eBooks > Computers & Technology > Computer Science

Customer Reviews

I haven't finished the book yet, but I'd like to reassure potential buyers that the Kindle Edition is fine in that the diagrams are quite readable even with my small Kindle.This has not always been the case for Kindle edition of other computer books.Now The fact that I bought this as a Kindle book has been a bit of a life-saver because I often take a bus and when I read it there,I increase the font size considerably. This way I dont get a headache from reading with the book shaking in front of my eyes.Now for the contents: It's quite good. It tends to have a semi-formal long rambling style rather than one little bit at a time (and then exercises), which I would have preferred. Nevertheless I currently feel confident that with pencil and paper I could get by with just this book and learn a lot about how TCP/IP works.One thing I liked is that the author I wary of following the OSI model literally and working one's way up.

Gives a very wordy overview of networking concepts with very little in the way of examples or mathematical analysis. This will be good for some professionals, but not great as a textbook. Also, I bought the hardcover edition and there are characters missing (most notably and frustrating, some mathematical operators like multiplication). How does something like that get printed?

A decent casual read to gain some understanding of networks- It's pretty clear that the author was trying to maximize the number of words in this book. As a reference, the formatting is terrible, and it's overly verbose in places. This makes it too difficult to find what you're looking for. This is used in my Computer Networks course, but only because this is the least of the worse choices. This book is actually one of the sources of motivation for our professor's efforts to write a better one.

This should be considered the go-to textbook for faculty teaching networking.The text is great - take that for granted.Let me focus instead on adopting this book as an instructor. The instructor materials are top notch with (overly wordy and poorly laid out but very good technical content) slides presented in both top-down and bottom-up orders. All questions have clear answers online. There is a massive amount of laboratory material available as well.As an instructor, you hope your text choice will be worthy of a student keeping. I believe they will keep this book.

I found this book well organized, current, and easy to read. There were typos in some of the exercises. I wish that they provided more answers, or that the elsevier site was more accommodating to non-students, since I am using this book for self-study.My only frustrations came from the code examples. I typed up the sliding window example but it did not compile. I used gcc on ubuntu and added the appropriate include files (and even some extras). Why bother including code examples if they do not work? At least provide details as to your coding environment. I blame the graduate students. ;)

This book isn't great at explaining things. I feel like they go in circles in their explanations of topics. Also, to solve the practice problems you need to have five pages of the book open at once. I literally have 5 different bookmarks and have to flip back and forth between them to solve one practice problem. I feel like this book isn't structured well.

Had no previous background in networking and this book presents the topics very well. It's great because it describes the topics from first principles and does not simply tell you what each technology is. For the first time I'm able to link together the different technologies I hear about and can see how they all work together to building a fully functional network

I suppose this is an awesome book. If I could read more than two pages without wanting to scratch out my own eyes. I am giving this book 4 stars due to the fact that the book itself has a lot of information in it. So, I suppose if you were taking Master's level courses, this would be the book for you... I am taking 1 star away out of pure spite. This book is so chock full of information that it almost hurts your brain to read it. The questions after the chapters sometime ask about concepts only introduced in the TEACHERS edition. And reading it makes me, with my 15 years experience working with computers and my 10 years working in networking REALLY want to question my whole

devotion to IT altogether and take up something more rewarding, like disposing of explosives by throwing them by hand into fires.The book was obviously written on the pay per word model, and this guy has to be a millionaire by now.

Computer Networks, Fifth Edition: A Systems Approach (The Morgan Kaufmann Series in Networking) Computer Networks: A Systems Approach (The Morgan Kaufmann Series in Networking) Computer Organization and Design MIPS Edition, Fifth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) Computer Organization and Design, Fourth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) Foundations of Analog and Digital Electronic Circuits (The Morgan Kaufmann Series in Computer Architecture and Design) Logical Effort: Designing Fast CMOS Circuits (The Morgan Kaufmann Series in Computer Architecture and Design) Self-Checking and Fault-Tolerant Digital Design (The Morgan Kaufmann Series in Computer Architecture and Design) Skew-Tolerant Circuit Design (The Morgan Kaufmann Series in Computer Architecture and Design) See MIPS Run, Second Edition (The Morgan Kaufmann Series in Computer Architecture and Design) Learning Processing, Second Edition: A Beginner's Guide to Programming Images, Animation, and Interaction (The Morgan Kaufmann Series in Computer Graphics) Computer Networking Problems and Solutions: An innovative approach to building resilient, modern networks VLSI Test Principles and Architectures: Design for Testability (The Morgan Kaufmann Series in Systems on Silicon) Data Mining: Practical Machine Learning Tools and Techniques (Morgan Kaufmann Series in Data Management Systems) Data Mining: Concepts and Techniques, Third Edition (The Morgan Kaufmann Series in Data Management Systems) Data Mining, Fourth Edition: Practical Machine Learning Tools and Techniques (Morgan Kaufmann Series in Data Management Systems) Data Mining: Practical Machine Learning Tools and Techniques, Third Edition (Morgan Kaufmann Series in Data Management Systems) Data Mining: Practical Machine Learning Tools and Techniques, Second Edition (Morgan Kaufmann Series in Data Management Systems) Designing and Deploying 802.11 Wireless Networks: A Practical Guide to Implementing 802.11n and 802.11ac Wireless Networks For Enterprise-Based Applications (2nd Edition) (Networking Technology) Computer Forensics: Investigating File and Operating Systems, Wireless Networks, and Storage (CHFI), 2nd Edition (Computer Hacking Forensic Investigator) Blondie24: Playing at the Edge of AI (The Morgan Kaufmann Series in Artificial Intelligence)

Contact Us