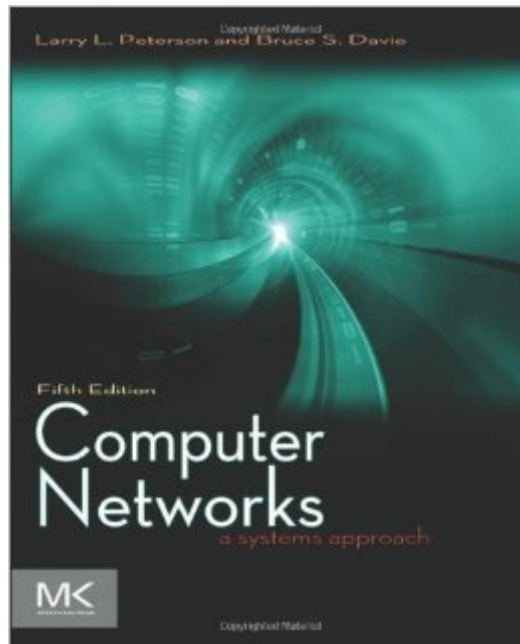The book was found

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

Synopsis

Computer Networks: A Systems Approach, Fifth Edition, discusses the key principles of computer networking. It focuses on the underlying concepts and technologies that make the Internet work. Topics covered 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; end-to-end data; network security; and network applications such as e-mail and the Web, IP telephony and video streaming, and peer-to-peer file sharing. 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; Whatâ ™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 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

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Customer Reviews

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.

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.

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.

I'm a computer professional shoring up some knowledge. This, I believe, has filled in some holes. I am currently reading it and no where near done but believe I've rounded out my knowledge through this book. It's not the easiest read but I'm please with what I'm learning . . .

This was a textbook for a class, and it was perfect for the class. We were looking at protocols, and this provided info on tons of protocols, walking through exactly how they work. This is not for the system administrator, but if you are designing a new Internet application, this will help in identifying and selecting the appropriate protocols for your needs. Or your apps needs.

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.

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.

Bought this book for a course (actually 2 courses) on networking.The book is a little frustrating for me having a lot of experience in the topic. It is very extensive book that covers the topic from zero knowledge to a very indepth understanding of networking. If you know little and want to really understand this book will help you.If you know a lot and need to know more this book will be frustrating as it covers alot of very basic information.

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