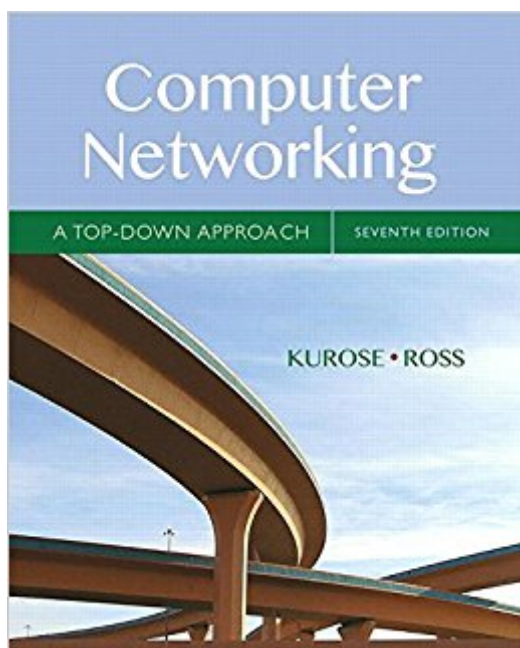The book was found

Computer Networking: A Top-Down Approach (7th Edition)

Synopsis

For courses in Networking/Communications Â   Motivates readers with a top-down, layered approach to computer networking Unique among computer networking texts, the Seventh Edition of the popular Computer Networking: A Top Down Approach builds on the authorâ ™s long tradition of teaching this complex subject through a layered approach in a â œtop-down manner.â • The text works its way from the application layer down toward the physical layer, motivating readers by exposing them to important concepts early in their study of networking. Focusing on the Internet and the fundamentally important issues of networking, this text provides an excellent foundation for readers interested in computer science and electrical engineering, without requiring extensive knowledge of programming or mathematics. The Seventh Edition has been updated to reflect the most important and exciting recent advances in networking.

Book Information

Hardcover: 864 pages

Publisher: Pearson; 7 edition (May 6, 2016)

Language: English

ISBN-10: 0133594149

ISBN-13: 978-0133594140

Product Dimensions: 7.7 x 1.3 x 9 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars   15 customer reviews

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Customer Reviews

Jim Kurose is a Distinguished University Professor of Computer Science at the University of Massachusetts, Amherst. He is currently on leave from the University of Massachusetts, serving as an Assistant Director at the US National Science Foundation, where he leads the Directorate of Computer and Information Science and Engineering. Dr. Kurose has received a number of recognitions for his educational activities including Outstanding Teacher Awards from the National Technological University (eight times), the University of Massachusetts, and the Northeast Association of Graduate Schools. He received the IEEE Taylor Booth Education Medal and was

recognized for his leadership of Massachusettsâ ™ Commonwealth Information Technology Initiative. He has been the recipient of a GE Fellowship, an IBM Faculty Development Award, and a Lilly Teaching Fellowship. Â Dr. Kurose is a former Editor-in-Chief of IEEE Transactions on Communications and of IEEE/ACM Transactions on Networking. He has been active in the program committees for IEEE Infocom, ACM SIGCOMM, ACM Internet Measurement Conference, and ACM SIGMETRICS for a number of years and has served as Technical Program Co-Chair for those conferences. He is a Fellow of the IEEE and the ACM. His research interests include network protocols and architecture, network measurement, sensor networks, multimedia communication, and modeling and performance evaluation. He holds a PhD in Computer Science from Columbia University. Â Keith Ross is the Dean of Engineering and Computer Science at NYU Shanghai and the Leonard J. Shustek Chair Professor in the Computer Science and Engineering Department at NYU. Previously he was at University of Pennsylvania (13 years), Eurecom Institute (5 years) and Polytechnic University (10 years). He received a B.S.E.E from Tufts University, a M.S.E.E. from Columbia University, and a Ph.D. in Computer and Control Engineering from The University of Michigan. Keith Ross is also the co-founder and original CEO of Wimba, which develops online multimedia applications for e-learning and was acquired by Blackboard in 2010. Â Professor Rossâ ™s research interests are in security and privacy, social networks, peer-to-peer networking, Internet measurement, video streaming, content distribution networks, and stochastic modeling. He is an ACM Fellow, an IEEE Fellow, recipient of the Infocom 2009 Best Paper Award, and recipient of 2011 and 2008 Best Paper Awards for Multimedia Communications (awarded by IEEE Communications Society). He has served on numerous journal editorial boards and conference program committees, including IEEE/ACM Transactions on Networking, ACM SIGCOMM, ACM CoNext, and ACM Internet Measurement Conference. He also has served as an advisor to the Federal Trade Commission on P2P file sharing. Â

Over priced reprint of previous versions. Version 6 is almost the exact same book and it's much cheaper.

Well written text. The homework problems are awkwardly written. Many of them are written as a string of questions, rather than being broken out in to part a, b, c, etc. It is easy to overlook part of the problem, or provide an incomplete answer.

I would not agree with another reviewer that this is v7 is simply a reprint of v6 and being sold for

higher price. The v6 was published in 2013, and v7 is in 2017. In my perspective the v7 reflected many up-to-date changes that happened during the 3 years. For example, in chapter 2 application, online video streaming is added, and how do Netflix and youtube work are discussed. Chapter 4 network layer are now divided into 2 chapters: the control plane and the data plane, to accommodate the software defined network concept.In some sense, you will for sure still see many many same pictures and sentences in the v7 as in v6, however, as a new edition, you do not expect it to be a completely new book. There are at least some substantial content update and structure changes in this newer version.

I've been comparing the paperback to the hardcover and noticed that the Review questions at the end of the chapter do not exactly match between the versions. We noticed that this was especially true with chapter 4. College Textbook buyers beware!

Gets to the point and explains what you need to know about networking, this book is most helpful.

Very good book/read. The Top Down Approach unique and refreshing, for a networking book.

I bought the hardback book of the 7th edition but the quality is pretty bad in my opinion for a hardback. It feels like it won't last long. I ended up reading the PDF version on my computer of the 6th edition instead. The content in the book is good.

Very good book, I rented this, maybe Ill buy it when it goes down in price. It has pretty clear examples and the authorship is somewhat entertaining.

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