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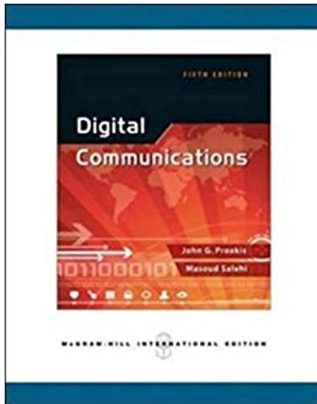


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Digital Communications: Fundamentals and Applications (Communications Engineering & Emerging Technology Series from Ted Rappaport) 3rd Edition

by [Bernard Sklar](#) (Author), [Fredric Harris](#) (Author)

48 ratings



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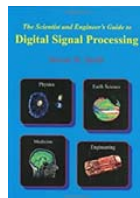
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Editorial Reviews

About the Author

Dr. Bernard Sklar has over 50 years of experience in technical design and management positions at Republic Aviation, Hughes Aircraft, Litton Industries, and at The Aerospace Corporation, where he helped develop the MILSTAR satellite system. He is now President of Communications Engineering Services, a consulting company he founded in 1984. He has taught engineering courses at several universities, including UCLA and

USC, and has trained professional engineers worldwide. Dr. Sklar has published and presented scores of technical papers, and is recipient of the 1984 Prize Paper Award from the IEEE Communications Society for his tutorial series on digital communications. He is a past chairman of the Los Angeles Council IEEE Education Committee.

Frederic J. Harris is professor of electrical engineering and CUBIC signal processing chair at San Diego State University (SDSU) and an internationally renowned expert on DSP and communication systems. The co-inventor of the Blackman-Harris Filter, his many technical papers include the seminal work "On the use of Windows for Harmonic Analysis with the Discrete Fourier Transform." The author of Multi-rate Signal Processing for Communication Systems, he received his B.S. from Brooklyn Polytechnic Institute, M.S. from SDSU, and PhD from Aalborg University, and did PhD course work at University of California, San Diego. An IEEE Fellow, he was co-editor-in-chief of Digital Signal Processing. In early 2010 the "Fred Harris Endowed Chair in Digital Signal Processing" fund was established by Eric Johnson and Qualcomm executive Peggy Johnson to help future students pursue careers in the communications specialty of electrical engineering, and to honor Harris's legacy.

Product details

Item Weight : 0.035 ounces

Hardcover : 1136 pages

ISBN-10 : 0134588568

ISBN-13 : 978-0134588568

Dimensions : 0.39 x 0.39 x 0.39 inches

Publisher : Pearson; 3rd edition (December 29, 2020)

Language : English

Best Sellers Rank: #3,126,792 in Books ([See Top 100 in Books](#))


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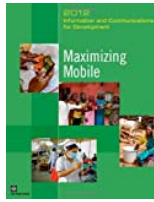
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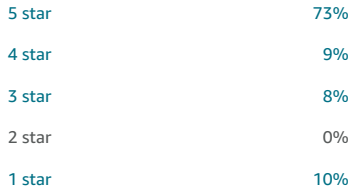
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Aymen

this book is not digital communication by Sklar

Reviewed in the United States on April 26, 2020

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this book is not digital communication by Sklar, the paper back cover is the correct book, but the hardcover book is the wrong book. i think it is wrong to list different book under the same name. I bought this book because i need it as soon as possible and i got a useless book different from what i wanted.

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Anonymous Customer

Informative but Dense

Reviewed in the United States on August 29, 2013

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I'm taking this for a graduate course, so I can't say it's entirely shocking that it's math heavy. In fact, I rather hoped for it. Sklar is straightforward, methodical, and thorough, so if you're on the same page, you'll learn a lot. The only weakness I can really say (if you would call it that) is the tendency to gloss over certain steps and just jump to the conclusion, and if you didn't understand that he also did B, you can't figure out why he started at A and is now at C. That said, I've already found uses for it in software applications, and can see it as an excellent reference.

As I mentioned, this is not light bedtime reading. A strong grasp of calculus is absolutely necessary (an introduction to linear transforms helps too), and if you're weak with that this book will push you in the dirt and make you eat a bug. A good feel for signals and systems

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help, but the opening chapter and appendices do a remarkably solid job recapping a lot of concepts that may be fuzzy from old age and less than judicious amounts of alcohol in earlier days. If you've got the background, there's a lot of good stuff.

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Great reference

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This textbook is the best one for digital communication for both Engineering students and professionals. I think it provides very solid fundamentals of digital communication and everyone should have it. I bought this textbook for self studying before getting my Bachelor degree. when I wen to graduate school, I made great use of it and actually it was not the required textbook for the class. I am glad that I got this textbook early while still being in school. what makes this textbook unique is that it easy to follow it and the material are explained really well and in an easy way. I highly recommend this book and it must sit on the shelf as reference.

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A great book to learn comm. theory.

Reviewed in the United States on March 8, 2001

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I was introduced to the 1st edition of this book as an undergrad at UCLA where Sklar taught. Since then as I have worked in the wireless and telecom fields, it has remained one of my main references. I've added other comm. books such as Proakis', but Sklar remains my favorite. It is well arrange, making it easy to reference any material you may be interested in. It touches on every area of comm. theory from modulation to coding. If you are looking for a general communication theory reference book, then this should be the one. But if you are only interested in learning in detail about one particular area of communication theory such as CDMA or Trellis Coding, then you should seek a book specializing in that area only. No book can cover everything in the depth.

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Graduate Student Review

Reviewed in the United States on September 20, 2010

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My motivation for purchasing this text was for a graduate level course on Communications in Electrical Engineering. The text was somewhat useful with clear illustrations and formulas but lacked the clarity desired to grasp a full understanding of the material from simply reading the book. As such, the text was primarily used as a reference source when lecture material failed to provided enough depth or coverage of a particular subject area. I would recommend purchasing this book if required but I would look for another text if you are simply trying to get a better understanding of the subject.

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Celeste Chauhan

Trash employees decent product

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The cover was bent completely back because some imbecile wasn't paying attention while packaging it. Other than that it's fine but I wouldn't have paid for a brand new book if it was going to come damaged.

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