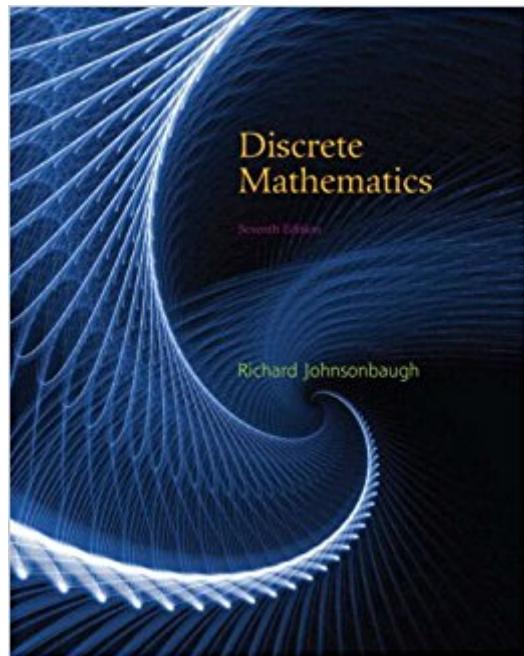


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# Discrete Mathematics, 7th Edition



## Synopsis

For a one- or two-term introductory course in discrete mathematics. Focused on helping students understand and construct proofs and expanding their mathematical maturity, this best-selling text is an accessible introduction to discrete mathematics. Johnsonbaugh's algorithmic approach emphasizes problem-solving techniques. The Seventh Edition reflects user and reviewer feedback on both content and organization.

## Book Information

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## Customer Reviews

Focused on helping readers understand and construct proofs - and, generally, expanding their mathematical maturity - this best-seller is an accessible introduction to discrete mathematics. Takes an algorithmic approach that emphasizes problem-solving techniques. Expands discussion on how to construct proofs and treatment of problem solving. Increases number of examples and exercises throughout.

Richard Johnsonbaugh is Professor Emeritus of Computer Science, Telecommunications and Information Systems, DePaul University, Chicago. Prior to his 20-year service at DePaul University, he was a member and sometime chair of the mathematics departments at Morehouse College and Chicago State University. He has a B.A. degree in mathematics from Yale University, M.A. and Ph.D. degrees in mathematics from the University of Oregon, and an M.S. degree in computer science from the University of Illinois, Chicago. His most recent research interests are in pattern recognition, programming languages, algorithms, and discrete mathematics. He is the author or

co-author of numerous books and articles in these areas. Several of his books have been translated into various languages. He is a member of the Mathematical Association of America.

If you are going into this book without any prior knowledge of "discrete" mathematics, there are much better options. The learning style of this book is atrocious. I found myself searching on YouTube for just about every single chapter/section concepts. The way the author describes the material is incredibly difficult to understand; almost as though they are assuming the reader is an expert already in the material and already knows logic symbols and their meaning. They do an awful job at describing new material to learners. Right off the bat, they are throwing in logic symbols with little to no description of the meaning -- which leaves the learner confused and looking to other sources to learn.

Terrible, sections are poorly organized and new topics aren't well established. Its reads like a normal book instead of a textbook, its hard to figure out things. Also it brings up a lot of new stuff in the exercises for some reason. To make things even more annoying it doesn't even have that many solutions

First up, most major annoyance with this book: Chapters are not clearly marked. Telling the difference between Chapter 4, exercise section 1, and chapter 5, exercise section 1, when you're simply going for the homework exercises, takes some care. The hardcover edition is marked better. On the material itself - I have found the material inside to be minimally useful. I often end up going to the internet instead. To be fair, I end up doing it this way for most math textbooks.

Not a helpful textbook for my CSC331: Discrete Structures & Logic class. The textbook does NOT explain the logic clearly enough, and does NOT give enough examples beyond a few obvious examples strictly deducible from the writing. Good luck figuring out how any of it applies to, well, anything.

Absolutely awful book that does a pretty poor job of explaining discrete mathematics concepts in general, and throws it all in your face head first instead. My teacher who said we had to buy it even said it was terrible. Go figure.

I needed this book for class. I thought this was just the paper back copy of the book. This book is

missing huge chunks, especially in the review sections, which of course I need for homework. Save yourself some frustration and go buy the 200\$ book if it's a required text.

One of the worst math textbooks I have ever had the displeasure of reading. Even our Professor disputed many of the author's methods. If this turns out to be a required text for you, cozy up to Wolfram Alpha, get ready to ask questions in class, and make some friends. You'll need all the help you can get.

The author is not very clear when explaining examples, the author is not helpful when trying to teach a beginner into discrete math. Trying to learn this course on your own is very difficult without any good clear home work problems. The answer in the back of the book are selected, it seems that the selected answers are the more easy homework problems. I was not satisfied with this book at all. I struggled with the course because it was a challenge teaching myself through you tube. I do not recommend this book.

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