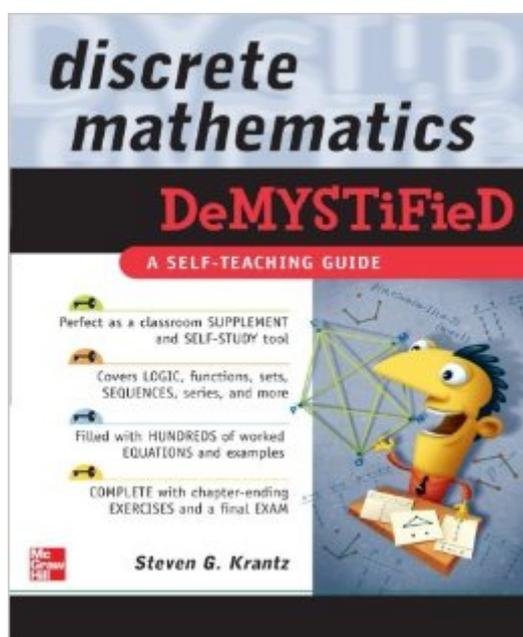# Discrete Mathematics DeMYSTiFied

Synopsis

MULTIPLY your chances of understanding DISCRETE MATHEMATICSIf you're interested in learning the fundamentals of discrete mathematics but can't seem to get your brain to function, then here's your solution. Add this easy-to-follow guide to the equation and calculate how quickly you learn the essential concepts. Written by award-winning math professor Steven Krantz, Discrete Mathematics Demystified explains this challenging topic in an effective and enlightening way. You will learn about logic, proofs, functions, matrices, sequences, series, and much more. Concise explanations, real-world examples, and worked equations make it easy to understand the material, and end-of-chapter exercises and a final exam help reinforce learning.This fast and easy guide offers:Numerous figures to illustrate key concepts Sample problems with worked solutions Coverage of set theory, graph theory, and number theoryChapters on cryptography and Boolean algebra A time-saving approach to performing better on an exam or at workSimple enough for a beginner, but challenging enough for an advanced student, Discrete Mathematics Demystified is your integral tool for mastering this complex subject.Â

Book Information

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Customer Reviews

This book covers a broad range of topics, and some of the treatments are quite good. While I wouldn't recommend this as a textbook, I believe it would be useful for self-study, or as a supplement to another text.Unfortunately, like so many books today, it is marred by errors that should have been caught by proofreaders (or at the very least, the publisher should provide errata

on its web site).Some of the errors are minor frustrations: on p. 204, the author says "The discussion of cryptography that appears below is inspired by the lovely book [KOB]" (that lovely book, whatever it is, does not appear in Krantz's bibliography!). Similar errors occur on p.194 and p.239.Worse are factual errors, like the calculation of the probability of getting three of a kind in poker on p.112. Not only is the method wrong (leading to the result 122,304 rather than 54,912), but he adds to the confusion by using the term "odds" (which has a precise, but different, meaning) when he means "probability".Still, I appreciated the author's efforts to provide a whirlwind tour of this field. You might too.

I'm currently taking a Discrete math course at a 4 year college and if all I had to rely on was this book I would not be passing the course!It should be renamed the history of discrete math demystified. The author provides a lot of history of the people behind the math and interesting math curiosities but fails to cover things like Karnaugh map's which was on my last test.This book should be used more as a supplement for such a math course or those interested in the history of discrete math.Oh and the chapter on matrices was really good compared to the rest so the treatment of topics is very uneven and haphazard.Finally, the few exercises it has are very weak.

I purchased a few Discrete Mathematics textbooks and study aides because my assigned one (Goodaire and Parmenter 3e) was, quite frankly, incomprehensible. I have in addition to the one I mentioned the Rosen and the Epp, both of which are much better, though none of them are light reading.I also purchased several study aids for kindle such as Discrete Mathematics Demystified, 2000 solved problems in Discrete Mathematics and Math for Computer Applications. I also bought the significantly less popular textbook by Babu Ram, which I'm finding to be the easiest textbook to read out of the four textbooksOf the study Aids I found 2000 Solved problems the most useful (oftentimes textbooks kind of leave you hanging for problem sets), followed by Math for Computer Applications. I think you should buy a print version of the latter though as the kindle version frequently cuts off graphs on the right and the conversion to digital is occasionally dodgy. The 2000 Solved problems also has this, but much, much less often, so I'd still recommend the digital of that.Somewhat recommended, though I'd get several other study aids before it.

This book is good for those who need a little extra help when taking their discrete math course. The book provides practice problems and a final for review. One can use this book along side his textbook and do fine. I highly recommend you to talk with your professor about any doubts about

how to write a proof that is in the book. He/she should be able to share with you on how to do it correctly. The book provides good information for the money. I would highly recommend Schaum's Easy Outline of Discrete Mathematics. Schaum's Outline is more concise and much smaller and great for a quick reference. I hope this review helps!

I read this book for some fun reading. It touches lightly on many topics. There is nothing difficult in this book for even an interested high school student. I would not purchase this book if I was serious about learning discrete mathematics.

This book makes an admirable attempt to cover a broad range of topics in the field of discrete mathematics. Unfortunately, it does not serve the purpose of a self-teaching guide. I have two main problems with the book. 1) It does not cover material in a simplified, clear manner, many times making the material more confusing. 2) The book contains multiple errors. Simple errors, such as typos could be overlooked or excused, but this book contains fundamental errors. In some instances, the answers provided in the back of the book do not match the question or are mathematically incorrect. In other instances, the material in the chapter is misleading or even incorrect. Even some fundamental axioms are in error, e.g., axiom 7 in Chapter 11 on Boolean algebra.The only time I would recommend this book is to people who have already learned Discrete Mathematics and are looking for a review. The errors and unclear language only serve to make the topic more confusing. This feels like a book written by a mathematician for mathematicians, not for beginners or people looking to teach themselves discrete mathematics.

The topic coverage is satisfactory and the concepts are well explained. However, the excercises are negligently assembled: some demand knowledge which is covered in the following chapter; the answers to others don't match the exercise. This book is intended for beginners, yet the beginners, unfamiliar with basic concepts, will end up thoroughly confused and frustrated.

Discrete Mathematics DeMYSTiFied EKG's for Nursing Demystified (Demystified Nursing) A First Course in Discrete Mathematics (Springer Undergraduate Mathematics Series) Discrete Mathematics: Elementary and Beyond (Undergraduate Texts in Mathematics) Essentials Of Discrete Mathematics (Jones and Bartlett Publishers Series in Mathematics) Discrete Mathematics and Its Applications Seventh Edition Randomization Methods in Algorithm Design: Dimacs Workshop, December 12-14, 1997 (Dimacs Series in Discrete Mathematics and Theoretical

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