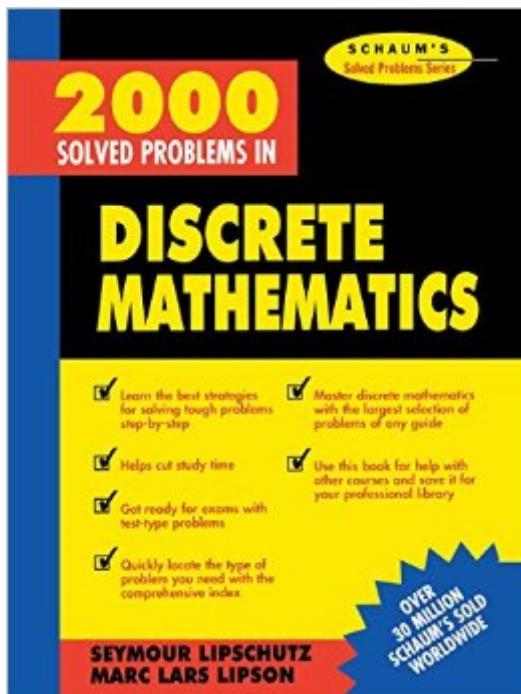


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# 2000 Solved Problems In Discrete Mathematics



## Synopsis

Master discrete mathematics with Schaum's--the high-performance solved-problem guide. It will help you cut study time, hone problem-solving skills, and achieve your personal best on exams! Students love Schaum's Solved Problem Guides because they produce results. Each year, thousands of students improve their test scores and final grades with these indispensable guides. Get the edge on your classmates. Use Schaum's! If you don't have a lot of time but want to excel in class, use this book to: Brush up before testsStudy quickly and more effectivelyLearn the best strategies for solving tough problems in step-by-step detailReview what you've learned in class by solving thousands of relevant problems that test your skillCompatible with any classroom text, Schaum's Solved Problem Guides let you practice at your own pace and remind you of all the important problem-solving techniques you need to remember--fast! And Schaum's are so complete, they're perfect for preparing for graduate or professional exams. Inside you will find: 2,000 solved problems with complete solutions--the largest selection of solved problems yet published on this subjectAn index to help you quickly locate the types of problems you want to solveProblems like those you'll find on your exams Techniques for choosing the correct approach to problems Guidance toward the quickest, most efficient solutions If you want top grades and thorough understanding of discrete mathematics, this powerful study tool is the best tutor you can have!

## Book Information

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## Customer Reviews

I have no idea why the only reviewer (before me) gave this book a one star rating. Perhaps he was confused because it is not intended to explain discrete mathematics, rather it's intended to be a companion to a traditional discrete mathematics textbook. As a source of hundreds of solved problems it is absolutely invaluable. If you want extra practice or the examples in your class's textbook aren't enough, buy this.

The problems in this book were arranged the way that leads readers understand simple concepts first, then bring you to problems and applications. In addition, my professor Dr. Mott (he wrote one of the top selling discrete book) recommended this book to me as well. I found it VERY helpful. Yes, I think it serves as an aid to textbooks. You cannot teach yourself discrete math by reading it. By the way, it doesn't have a lot of Hamiltonian cycle examples in there.

I purchased a few Discrete Mathematics textbooks and study aids 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 textbooks. Of 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. Highly recommended for all Discrete Mathematics students.

This seems much like a high school reference than a college level textbook. If you are looking for answers to challenging problems look elsewhere such as proofs on induction, well ordering, proofs by contradiction, contraposition, please look elsewhere. This book is good for going over some of the basic concepts of discrete mathematics, but does not challenge you, nor integrate many of the problems, which is what you would encounter in most college level discrete mathematics.

There are more than a few reviewers who miss the point: this is not a primary teaching text, it is a supplement. That said, you can learn a lot about the topic by reading this book first and solving the

problems. My chief concern is NOT the place that this book fills in the curriculum, rather, it is the large number of errors in the answers. I'm half way through and this book, along that dimension, has fundamentally lost my trust. Many people complain about multiple-edition books, but that probably allows the publisher to get the bugs out. Not so for this text, which is quite old. I do NOT recommend its purchase. Buy a book without the bugs.

This book is more than just a bunch of math problems with answers. It is also instructive. Within each topic, the questions progress so as to build up your ability to handle more complex problems. Some sections begin with brief definitions. Some present theorems or lemmas, following by the proofs. I needed to prepare for an doctoral prelim. exam in discrete mathematics. This book, along with Schaum's Easy Outline: Discrete Mathematics, got me through.

I was struggling in my discrete math class, this book helped me get the practice I needed.

This is a great book. I found it very helpful when trying to grasp an in depth understanding of this material. This of course is no replacement for a standard text book, but the combination of this guide and a text book will be greatly beneficial. This is due to fact that the explanations are somewhat limited in the guide and the examples are limited in the text book.

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