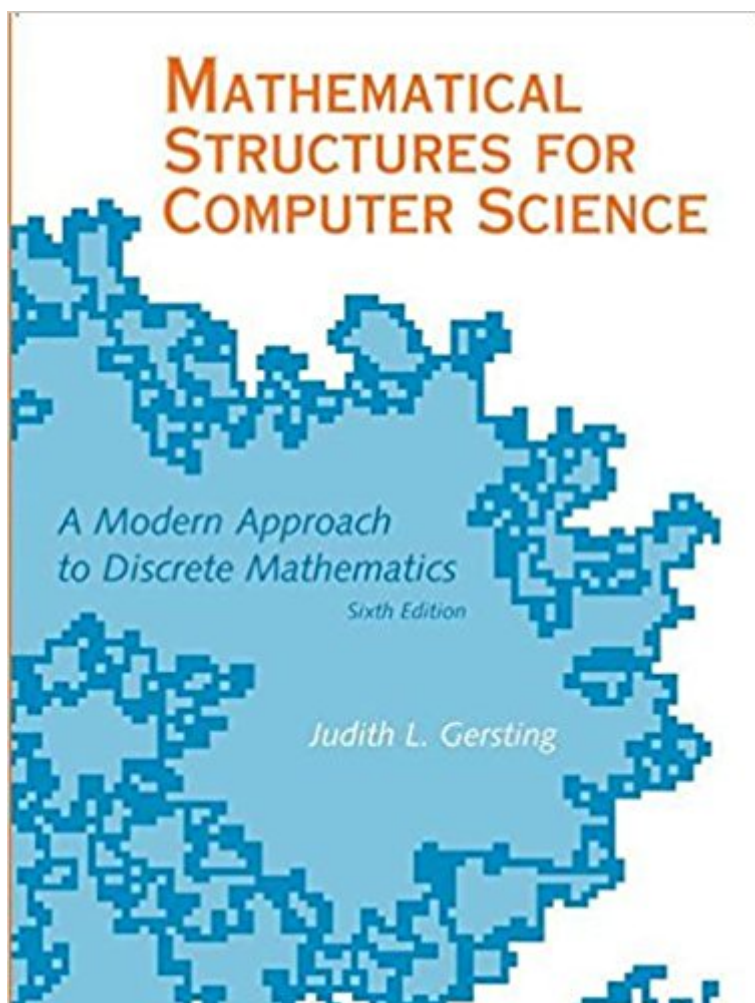The book was found

Mathematical Structures For Computer Science

Synopsis

Computing Curricula 2001 (CC2001), a joint undertaking of the Institute for Electrical and Electronic Engineers/Computer Society (IEEE/CS) and the Association for Computing Machinery (ACM), identifies the essential material for an undergraduate degree in computer science.This Sixth Edition of Mathematical Structures for Computer Science covers all the topics in the CC2001 suggested curriculumÂ for a one-semester intensive discrete structures course, and virtually everything suggested for a two-semester version of a discrete structures course. Gersting's text binds together what otherwise appears to be a collection of disjointed topics by emphasizing the following themes: â ¢ Importance of logical thinkingâ ¢ Power of mathematical notationâ ¢ Usefulness of abstractions

Book Information

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Customer Reviews

JUDITH L. GERSTING is at the University of Hawaii, Hilo, USA.

I can appreciate the explanations in proper mathematical jargon. It is to help you to learn to understand the jargon. Like reading ShakespeareHOWEVERThe examples in this book are much easier than the problems in the section problems. There are some concepts found in the section problem sets are not actually covered in the section. I had to look on the web for an explanation that made sense.Note the the author: Some of us taking Discrete Math are often not math whizzes. Please give a more layman's explanation in addition to the proper mathematical description.If you are looking for a book to learn Discrete Math on you own this book is NOT for you.

I used this book for an undergraduate course in Discrete Mathematics. I'd say that the book tended to confuse more than clarify, at least in its initial explanation of things. Working through the example problems often helped correct that, though. My professor thought the author was pretty ambitious to be aimed at undergrads and ended up skipping most of the material on Turing machines; he also skipped the material on Probability because our computer science students must take a Prob & Stats course; otherwise, he stuck very closely to the book.I felt the book was structured well in that new chapters often built upon previous ones. The chapters on Formal Logic and Proof Techniques were long and detailed, but have since helped with my programming assignments. The chapters on Sets, Relations, Graphs, Trees, and Algorithms were the most valuable since they directly relate to my courses in Databases and Analysis of Algorithms.The book helped but I feel that my professor is what really made it work for me. The book isn't bad, but it's not great either; if anything, it's "alright."

Good

Perfect

God bless teachers who use old editions

Good-natured writer, but assumes a bit too much of the reader. This book is best used for a college course with a teacher in order to fully comprehend the topics presented.

This book definitely needs a teacher who thoroughly understands the material. Should not be used as a self teaching tool. Instead of every other exercise question having an answer in the back of the book, only a few starred ones are available in each section. Also, each lesson and practice problems don't cover all the areas in the exercises. There will be some exercises for which there are no examples in the book, including symbology not explained in the book.

This book truly has awful organization and poor examples.

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