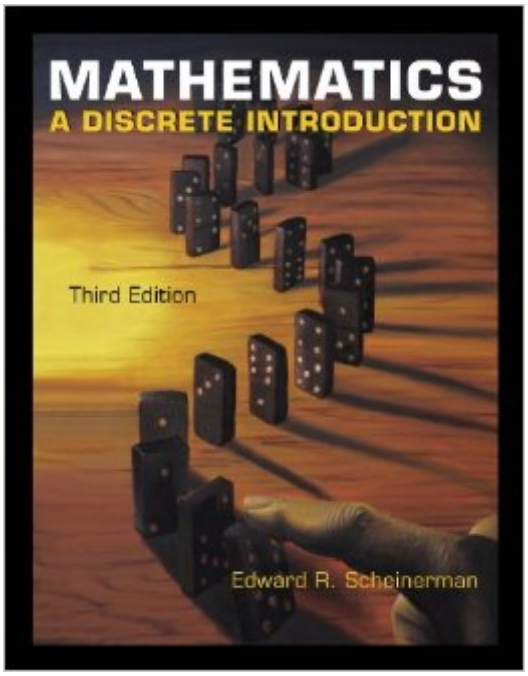
The book was found

Mathematics: A Discrete Introduction



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

MATHEMATICS: A DISCRETE INTRODUCTION teaches students the fundamental concepts in discrete mathematics and proof-writing skills. With its clear presentation, the text shows students how to present cases logically beyond this course. All of the material is directly applicable to computer science and engineering, but it is presented from a mathematician’s perspective. Students will learn that discrete mathematics is very useful, especially those whose interests lie in computer science and engineering, as well as those who plan to study probability, statistics, operations research, and other areas of applied mathematics.Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Book Information

File Size: 20206 KB

Print Length: 504 pages

Publisher: Cengage Learning; 003 edition (March 5, 2012)

Publication Date: March 5, 2012

Language: English

ASIN: B00B6FKJT0

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #181,623 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #10 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Pure Mathematics > Discrete Mathematics #70 inÂ Books > Science & Math > Mathematics > Pure Mathematics > Discrete Mathematics #8231 inÂ Books > Computers & Technology

Customer Reviews

This book is an excellent introduction to discrete mathematics. It covers the art of mathematical proof (particularly as applied to discrete mathematics) and provides an introduction to every major branch of discrete math (or at least those that can truly be taught in an introductory sense).Having used this text as both a student (1st ed.) and an instructor (2nd ed.), I would say that the major strengths and weaknesses are as follows:Strengths:The major strengths of this text are its emphasis on proof-writing, and the problems which cover both the basics of an area of discrete

math or proof writing technique, as well as some more subtle points. Its coverage of the different branches of discrete mathematics is excellent for an introductory book, but is necessarily far less in depth than an introductory book focused on any single topic (e.g. an introductory text on algebra, or graph theory, etc.).Weaknesses:The most frequent complaint I had as an instructor was that the text did not go particularly deep into any branch of math. The second most frequent complaint was that the text spent too long on teaching proof styles, particularly inductive proof. Both of these complaints typically came from more advanced undergraduates (3rd year +) who were used to more focused courses. The complaints are valid, but I think they misjudge the book for what it is intended to do, namely to _prepare_ a student for more advanced courses in discrete math. To be blunt, if you are taking an intro to discrete math course in the same semester as a course on randomized algorithms and wonder why the intro to discrete math book seems so introductory it's probably because you put off taking the course for too long.

Download to continue reading...

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 and Combinatorial Mathematics: An Applied Introduction Mathematics: A Discrete Introduction Discrete Mathematics: Introduction to Mathematical Reasoning Discrete and Combinatorial Mathematics: An Applied Introduction, Fifth Edition 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 Computer Science) 2000 Solved Problems in Discrete Mathematics Discrete Mathematics with Ducks Student Handbook for Discrete Mathematics with Ducks: SRRSLEH Student's Solutions Guide to Accompany Discrete Mathematics and Its Applications, 7th Edition Discrete Mathematics with Applications Schaum's Outline of Discrete Mathematics, Revised Third Edition (Schaum's Outlines) Advanced Math: Precalculus with Discrete Mathematics and Data Analysis (Solution Key) Discrete Mathematics: Mathematical Reasoning and Proof with Puzzles, Patterns, and Games Discrete Mathematics DeMYSTiFied Discrete Mathematics Discrete Mathematics and Its Applications

Dmca