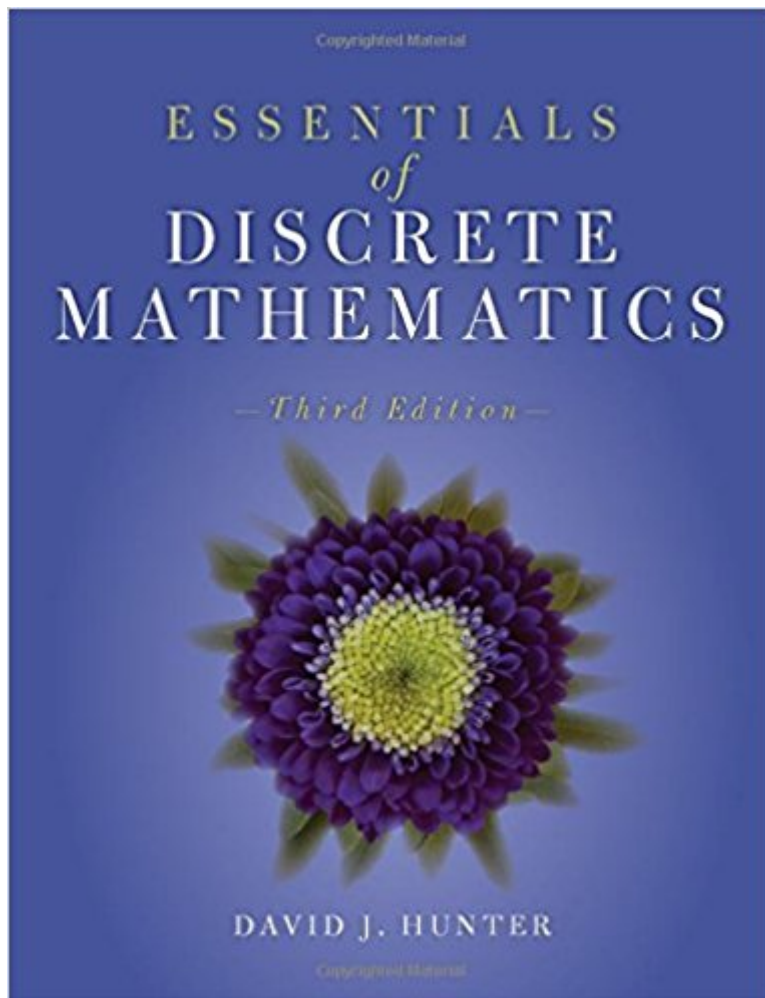The book was found

Essentials Of Discrete Mathematics

Synopsis

Written for the one-term course, Essentials of Discrete Mathematics, Third Edition is designed to serve computer science and mathematics majors, as well as students from a wide range of other disciplines. The mathematical material is organized around five types of thinking: logical, relational, recursive, quantitative, and analytical. This presentation results in a coherent outline that steadily builds upon mathematical sophistication. Graphs are introduced early and referred to throughout the text, providing a richer context for examples and applications. Algorithms are presented near the end of the text, after students have acquired the skills and experience needed to analyze them. The final chapter emphasizes the multidisciplinary approach and contains case studies that integrate the fields of biology, sociology, linguistics, economics, and music. New & Key Features: NEW Ã¢â ¬â œ Student Inquiry Problems, found at the beginning of each section, are designed to introduce and motivate the material in the section that follows NEW Ã¢â ¬â œ Incorporates new content on Graph Theory - Coverage of algorithms appropriate for computer science majors, as well as students with no previous programming experience - Careful attention to mathematical logic and proof techniques - Instructor resources include an InstructorÃ¢â ¬â„¢s Solutions Manual, slides in PowerPoint format, and additional Inquiry Problems

Book Information

Hardcover: 492 pages

Publisher: Jones & Bartlett Learning; 3 edition (September 4, 2015)

Language: English

ISBN-10: 1284056244

ISBN-13: 978-1284056242

Product Dimensions: 9.2 x 7.3 x 1.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars   19 customer reviews

Best Sellers Rank: #18,318 in Books (See Top 100 in Books)   #8 inÃ Â Books > Computers & Technology > Computer Science > AI & Machine Learning > Machine Theory   #9 inÃ Â Books > Science & Math > Mathematics > Pure Mathematics > Discrete Mathematics   #319 inÃ Â Books > Textbooks > Computer Science

Customer Reviews

David J. Hunter is a professor of Mathematics and Computer Science at Westmont College.

This book is written and illustrated in a manner that is clear and precise, while using plain English. Terminology is explained. Intermediate steps are explained. Dependencies between chapters and sections are clearly marked. Exercises and examples are relevant and progress from simple to complex. A good breadth of subject matter is covered. For the reader who is not particularly mathematically-inclined, but who needs to master the fundamentals of discrete mathematics, (such as for computer science), this is an outstanding book, head and shoulders above any other I've used (and, to get a grip on discrete math, algorithms, and optimization, I've been reading A LOT of them lately).

I used this book for two logic courses. The book is laid out in a straightforward logical(I would expect as much from such a book) fashion. You should be able to go from the first to the last chapter without a need to jump around to connect concepts as they simply build upon one another. Each chapter is also self contained meaning that if you only wanted to learn about graph theory you could skip to that section and read it and be able to understand it without needing to consult other chapters which is nice when you take a semester break between logic courses. The best part are the problem sections which the book provides detailed answers for. Unlike most math books which only detail a few steps or simply give you an answer to reference this book will actually lead you through the process of solving the problems which is immensely helpful.

Worst book ever, not just me but even the math tutors hate this book.

Great renting service, will definitely rent again. The book is decent, didn't quite clear things up for me as far as topics go. Still had to go to office hours

Good text book

awesome

Need this for the class i am taking right now and its very helpful in helping me understand my professor's lectures. But i wish they did add more explanations in the examples field before the homework problems.Edit: Bought this book back in 2013, the price basically tripled now :O .. just wow. They love making it harder for people to get an education.

I'm taking this class over the summer and this book has great explanations and diagrams for completing the work. The price was wayyy better than what the campus bookstore was charging.

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