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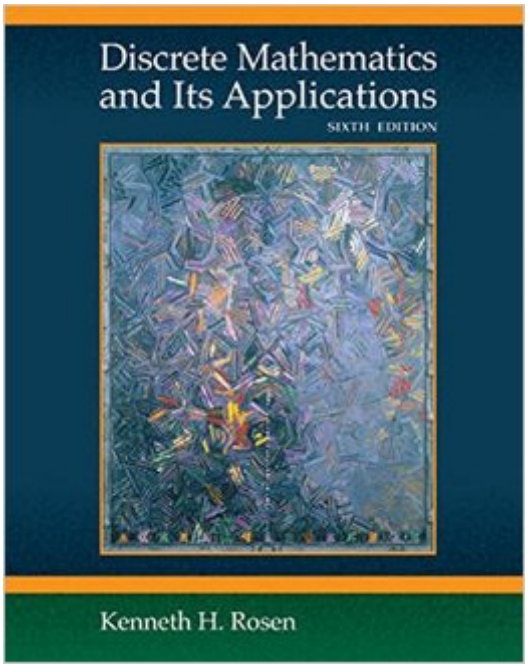
Discrete Mathematics And Its Applications



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Synopsis

Discrete Mathematics and its Applications, Sixth Edition, is intended for one- or two-term introductory discrete mathematics courses taken by students from a wide variety of majors, including computer science, mathematics, and engineering. This renowned best-selling text, which has been used at over 500 institutions around the world, gives a focused introduction to the primary themes in a discrete mathematics course and demonstrates the relevance and practicality of discrete mathematics to a wide a wide variety of real-world applicationsâ |from computer science to data networking, to psychology, to chemistry, to engineering, to linguistics, to biology, to business, and to many other important fields.

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Customer Reviews

I took an accelerated 6 week class on discrete math... and though I've never studied that hard (in my life) the class was very rewarding. My professor earned his PhD under Kolmogorov, and if you know that name then you'll know what I mean that it takes THAT level of a mathemetician in order to explain clearly what this text tries so hard to obfuscate.I'm a math enthusiast, so I also bought copies of Grimaldi's and Epp's Discrete Math texts, and for this class I also needed to borrow copies of number theory texts for the section on number theory, logic texts for logic, etc. It's kinda sad in the state of things that one has to go to outside sources for so many of these topics... but Rosen makes you do it.My issues on logic: They don't explicitly tell you that a function P(x,y) holds only for objects placed into the function. There is a problem in the section of nested quantifiers where the function is given as P(x,y) but then the solution uses x and y for something totally different. The

book leads you to believe that P(x,y) means "property P holds for ’x’ and ’y’" but with a function the property is static and the letters are dynamic. The book explains functions from the perspective that if you see P(x,y) then that property holds for x and y, and the specific problem I’m talking about will lead you astray when applying the logical construction; textbooks should be clear enough that the student doesn’t have to go to the teacher on simple concepts like thisMy issues truly began in Chapter 3.

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