

## Discrete Mathematics and its Computer Applications



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### ***Reviews***

*The book is fantastic and great. It is definitely basic but shocks in the 50 percent in the pdf. Its been printed in an remarkably basic way and it is just soon after i finished reading this publication in which really changed me, change the way i believe.*

***(Dr. Lukas Hills DDS)***

## DISCRETE MATHEMATICS AND ITS COMPUTER APPLICATIONS



paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 423 Publisher: Posts Telecom Press Pub. Date :2008-06. discrete mathematics and computer science are closely related. This book systematically introduces the basic theory of discrete mathematics to explain the link between the various branches. but also shows it in the computer applications. The main contents include: set theory. relations. mappings. and infinite sets. modern algebra. graph theory. propositional logic. predicate logic. propositional logic and predicate logic. axiomatic theory. discrete mathematics in computer applications. End with a chapter outline and review exercises. book chapters end with exercises to answer. book is suitable for students of computer and related professional and self-examination of those materials. also available in computer and mathematical aspects of research scientists and teachers to learn reference. Contents: Chapter 1 1.1 set and the elements of set theory and the concept of a subset of the set 1.2 2 1.3 3 1.4 Complete and empty set of operations. Venn diagram 5 1.5 limited the number of elements in the collection 16 Chapter 13 exercises a relationship basic concepts of the relationship between 22 2.1 22 2.2 25 2.3 nature of the relationship between operational closure relations 26 2.4 31 2.5 operational nature of the relationship with a specific 39 Chapter 35 Problem 2 with the infinite set of maps map 45 3.2 45 3.1 51 exercises three infinite sets 58 Chapter 63 Modern Algebra algebra 4.1 68 4.3 63 4.2 algebra systems isomorphic with 69 states and 4.4 units semigroup semigroups and group theory 74 4.6 72 4.5 ring. ideal. ring. and the whole domain 96 4.7 poset and lattice 105 Exercises 115 Chapter four of graph theory the basic concepts of graph 130 5.1 130...



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