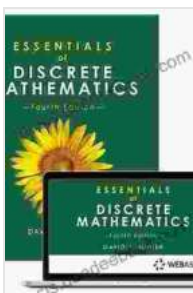# Essentials of Discrete Mathematics by David Hunter

Overview

Essentials of Discrete Mathematics by David Hunter is a comprehensive textbook for students who are new to the subject. It covers a wide range of topics, including set theory, logic, combinatorics, graph theory, and number theory. The book is well-written, clear, and concise. Hunter does a great job of explaining the basic concepts of discrete mathematics in a way that is easy to understand. The book is also full of examples and exercises, which help students to learn the material and to apply it to real-world problems.

Essentials of Discrete Mathematics by David J. Hunter

★★★★☆ 4 out of 5

Language	: English
File size	: 26212 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 505 pages

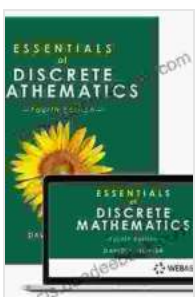FREE DOWNLOAD E-BOOK 📄PDF

Content

The book is divided into eight chapters. The first chapter introduces the basic concepts of set theory. The second chapter covers logic, including propositional logic and predicate logic. The third chapter discusses combinatorics, including permutations, combinations, and generating functions. The fourth chapter covers graph theory, including trees, paths,

and circuits. The fifth chapter discusses number theory, including divisibility, prime numbers, and modular arithmetic. The sixth chapter covers recursion and induction. The seventh chapter covers counting and probability. The eighth chapter covers applications of discrete mathematics, including computer science, cryptography, and operations research.

Features

* Clear and concise explanations of the basic concepts of discrete mathematics * Hundreds of examples and exercises to help students learn the material * Applications of discrete mathematics to real-world problems * A solutions manual is available for instructors

Essentials of Discrete Mathematics by David Hunter is an excellent textbook for students who are new to the subject. It is well-written, clear, and concise. Hunter does a great job of explaining the basic concepts of discrete mathematics in a way that is easy to understand. The book is also full of examples and exercises, which help students to learn the material and to apply it to real-world problems. I highly recommend this book for students who are looking for a comprehensive and accessible to discrete mathematics.
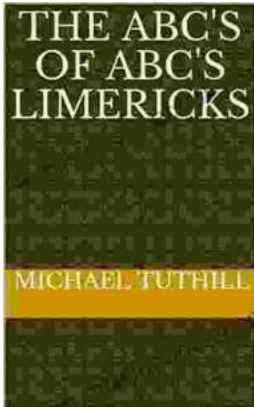
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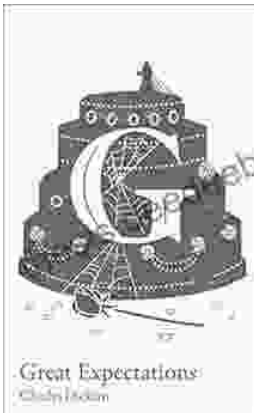### The ABC of ABC Limericks: A Comprehensive Guide to the Quintessential Verse Form

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