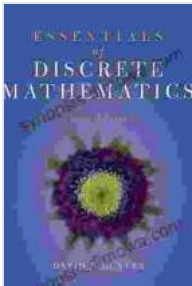# Essentials of Discrete Mathematics: An In-depth Book Review

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

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Discrete mathematics is a branch of mathematics that deals with objects that can only take on a finite number of values. This includes things like integers, sets, and graphs. Discrete mathematics is used in a wide variety of applications, including computer science, operations research, and finance.

Essentials of Discrete Mathematics by David Hunter is an excellent resource for learning discrete mathematics. The book is well-written and easy to follow, and it covers all of the essential topics in discrete mathematics.

Content

Essentials of Discrete Mathematics is divided into 10 chapters. The first chapter provides an to discrete mathematics. The second chapter covers sets. The third chapter covers functions. The fourth chapter covers

relations. The fifth chapter covers graphs. The sixth chapter covers trees. The seventh chapter covers Boolean algebra. The eighth chapter covers counting. The ninth chapter covers probability. The tenth chapter covers applications of discrete mathematics.

Each chapter is divided into several sections. Each section covers a specific topic in discrete mathematics. The sections are well-organized and easy to follow. The book also includes a number of exercises and problems. The exercises and problems are a great way to test your understanding of the material.

Writing Style

David Hunter's writing style is clear and concise. He does a great job of explaining complex topics in a way that is easy to understand. The book is also well-organized and easy to follow.

Target Audience

Essentials of Discrete Mathematics is intended for students who are learning discrete mathematics for the first time. The book is also a great resource for students who are reviewing discrete mathematics for a course or exam.
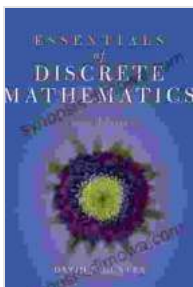
Essentials of Discrete Mathematics by David Hunter is an excellent resource for learning discrete mathematics. The book is well-written and easy to follow, and it covers all of the essential topics in discrete mathematics. I highly recommend this book to students who are learning discrete mathematics for the first time or who are reviewing discrete mathematics for a course or exam.

About the Author

David Hunter is a professor of mathematics at the University of California, Davis. He is the author of several books on mathematics, including Essentials of Discrete Mathematics, Applied Abstract Algebra, and Calculus: A Problem-Oriented Approach.

Additional Resources

- Essentials of Discrete Mathematics on Our Book Library

- Essentials of Discrete Mathematics on Wiley

- David Hunter's website

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