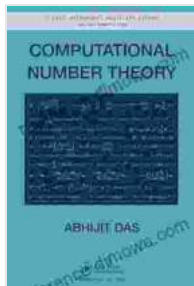


# Computational Number Theory: Discrete Mathematics and Its Applications



## Computational Number Theory (Discrete Mathematics and Its Applications) by Abhijit Das

★★★★☆ 4.9 out of 5

Language : English

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## By Richard Crandall and Carl Pomerance

Computational number theory is a branch of mathematics that uses computers to solve problems in number theory. It has applications in a wide range of areas, including cryptography, primality testing, and the study of Diophantine equations.

This textbook provides a comprehensive to computational number theory. It covers a wide range of topics, from basic number theory to advanced topics such as primality testing and cryptography. The book is written in a clear and concise style, and it includes numerous examples and exercises.

This textbook is ideal for students and researchers who are interested in learning about computational number theory. It is also a valuable resource for professionals who use computational number theory in their work.

## Table of Contents

- 
- Basic Number Theory
- Primality Testing
- Factorization of Integers
- Diophantine Equations
- Cryptography
- Applications of Computational Number Theory

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"This textbook provides a comprehensive and up-to-date to computational number theory. It is written in a clear and concise style, and it includes numerous examples and exercises. This book is ideal for students and researchers who are interested in learning about computational number theory. It is also a valuable resource for professionals who use computational number theory in their work." - **MAA Reviews**

"This book is a valuable resource for anyone who wants to learn about computational number theory. It is well-written and provides a comprehensive overview of the subject. The authors have done a great job of making the material accessible to a wide range of readers." -

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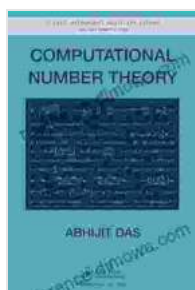
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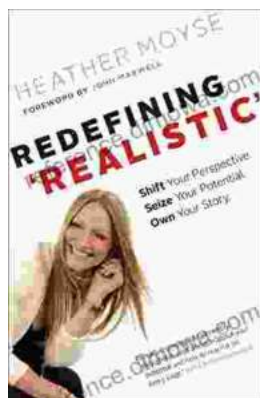
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