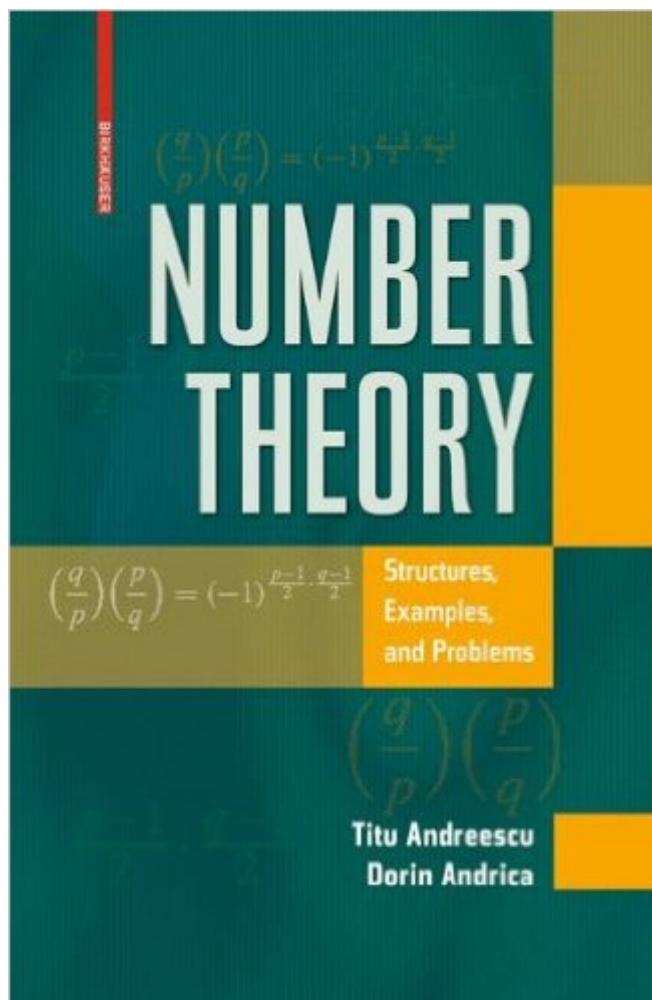


The book was found

Number Theory: Structures, Examples, And Problems



Synopsis

This introductory textbook takes a problem-solving approach to number theory, situating each concept within the framework of an example or a problem for solving. Starting with the essentials, the text covers divisibility, unique factorization, modular arithmetic and the Chinese Remainder Theorem, Diophantine equations, binomial coefficients, Fermat and Mersenne primes and other special numbers, and special sequences. Included are sections on mathematical induction and the pigeonhole principle, as well as a discussion of other number systems. By emphasizing examples and applications the authors motivate and engage readers.

Book Information

Hardcover: 384 pages

Publisher: Birkhäuser; 2009 edition (March 11, 2009)

Language: English

ISBN-10: 081763245X

ISBN-13: 978-0817632458

Product Dimensions: 6.5 x 1.2 x 9.4 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars (See all reviews) (2 customer reviews)

Best Sellers Rank: #1,182,941 in Books (See Top 100 in Books) #210 in Books > Science & Math > Mathematics > Pure Mathematics > Combinatorics #402 in Books > Science & Math > Mathematics > Pure Mathematics > Number Theory #2560 in Books > Textbooks > Science & Mathematics > Mathematics > Algebra & Trigonometry

Customer Reviews

It's perfect to prepare math olympiad contest. It contains fundamental concepts of elementary number theory and practical problems of math contests with original solutions.

It's not a book for beginners in number theory, it's perfect for people who're interested in study for mathematical olympiads and those who're interested in study deeper number theory. It's a fantastic book, like most books of Titu and Dorin Andrica, I recommend !

[Download to continue reading...](#)

Number Theory: Structures, Examples, and Problems Number, Shape, & Symmetry: An Introduction to Number Theory, Geometry, and Group Theory A Friendly Introduction to Number Theory (4th

Edition) (Featured Titles for Number Theory) Contemporary's Number Power 6: Real World Approach to Math : Word Problems (The number power series) Windows 10 Troubleshooting: Windows 10 Manuals, Display Problems, Sound Problems, Drivers and Software: Windows 10 Troubleshooting: How to Fix Common Problems ... Tips and Tricks, Optimize Windows 10) Color-by-Number: Butterflies: 30+ fun & relaxing color-by-number projects to engage & entertain Color-by-Number: Animals: 30+ fun & relaxing color-by-number projects to engage & entertain The Sixteenth Round: From Number 1 Contender to Number 45472 Bankruptcy and Debtor/Creditor: Examples and Explanations (Examples & Explanations) Examples & Explanations: Legal Writing, Second Edition (Examples and Explanations) Examples and Explanations: Remedies, 2nd Edition (Examples & Explanations) Examples & Explanation: Criminal Procedure Constitution & Police, Seventh Edition (Examples & Explanations) Problems in Veterinary Medicine: Dentistry Volume 2, Number 1, March 1990 Schaum's Outline of Theory and Problems of Combinatorics including concepts of Graph Theory Java Software Structures: Designing and Using Data Structures Java Software Structures: Designing and Using Data Structures (3rd Edition) Design and Analysis of Composite Structures: With Applications to Aerospace Structures Starting Out with Java: From Control Structures through Data Structures (2nd Edition) (Gaddis Series) Starting Out with Java: From Control Structures through Data Structures (3rd Edition) Introduction to Structures (Architect's Guidebooks to Structures)

[Dmca](#)