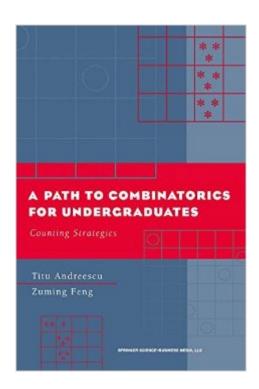
## The book was found

# A Path To Combinatorics For Undergraduates: Counting Strategies





## **Synopsis**

This unique approach to combinatorics is centered around unconventional, essay-type combinatorial examples, followed by a number of carefully selected, challenging problems and extensive discussions of their solutions. Topics encompass permutations and combinations, binomial coefficients and their applications, bijections, inclusions and exclusions, and generating functions. Each chapter features fully-worked problems, including many from Olympiads and other competitions, as well as a number of problems original to the authors; at the end of each chapter are further exercises to reinforce understanding, encourage creativity, and build a repertory of problem-solving techniques. Â The authors' previous text, "102 Combinatorial Problems," makes a fine companion volume to the present work, which is ideal for Olympiad participants and coaches, advanced high school students, undergraduates, and college instructors. The book's unusual problems and examples will interest seasoned mathematicians as well. Â "A Path to Combinatorics for Undergraduates" is a lively introduction not only to combinatorics, but to mathematical ingenuity, rigor, and the joy of solving puzzles.

### **Book Information**

Paperback: 228 pages

Publisher: Birkh $\tilde{A}f\hat{A}$  user; 2004 edition (June 21, 2006)

Language: English

ISBN-10: 0817642889

ISBN-13: 978-0817642884

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 15.7 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars Â See all reviews (1 customer review)

Best Sellers Rank: #234,298 in Books (See Top 100 in Books) #31 in Books > Science & Math >

Mathematics > Pure Mathematics > Combinatorics #32 in Books > Science & Math >

Mathematics > Geometry & Topology > Analytic Geometry #82 in Books > Science & Math >

Mathematics > Pure Mathematics > Discrete Mathematics

#### Customer Reviews

The book is written very clearly and presents a lot of combinatorial subjects by very interesting examples.

Download to continue reading...

A Path to Combinatorics for Undergraduates: Counting Strategies Blackjack Strategy: Winning at Blackjack: Tips and Strategies for Winning and Dominating at the Casino (Blackjack, Counting Cards, Blackjack Winning, Good at Blackjack, Black Jack, Card Counting) Counting: The Art of Enumerative Combinatorics (Undergraduate Texts in Mathematics) Complete Guide to Carb Counting: How to Take the Mystery Out of Carb Counting and Improve Your Blood Glucose Control Counting Daisies (The Counting Series Book 1) Talking About Leaving: Why Undergraduates Leave The Sciences Frames for Undergraduates (Student Mathematical Library) Matrix Groups for Undergraduates (Student Mathematical Library,) Additive Combinatorics (Cambridge Studies in Advanced Mathematics) Schaum's Outline of Theory and Problems of Combinatorics including concepts of Graph Theory Applied Combinatorics Principles and Techniques in Combinatorics Combinatorics: Topics, Techniques, Algorithms Combinatorial Optimization: Theory and Algorithms (Algorithms and Combinatorics) Introductory Combinatorics (5th Edition) Applied Combinatorics, Second Edition Geometric Algorithms and Combinatorial Optimization (Algorithms and Combinatorics) Algebra, Logic and Combinatorics (Ltcc Advanced Mathematics) The Four Noble Truths and Eightfold Path of Buddhism: Discover the Essence of Buddhism and the Path to Nibbana Steps on the Path to Enlightenment, Karma: Steps on the Path to Enlightenment: A Commentary on Tsongkhapa's Lamrim Chenmo, Volume 2: Karma (Vol.2)

**Dmca**