## The book was found

## Additive Combinatorics (Cambridge Studies In Advanced Mathematics)



## Synopsis

Additive combinatorics is the theory of counting additive structures in sets. This theory has seen exciting developments and dramatic changes in direction in recent years thanks to its connections with areas such as number theory, ergodic theory and graph theory. This graduate-level 2006 text will allow students and researchers easy entry into this fascinating field. Here, the authors bring together in a self-contained and systematic manner the many different tools and ideas that are used in the modern theory, presenting them in an accessible, coherent, and intuitively clear manner, and providing immediate applications to problems in additive combinatorics. The power of these tools is well demonstrated in the presentation of recent advances such as SzemerÃ©di's theorem on arithmetic progressions, the Kakeya conjecture and Erdos distance problems, and the developing field of sum-product estimates. The text is supplemented by a large number of exercises and new results.

## Book Information

Series: Cambridge Studies in Advanced Mathematics (Book 105)
Paperback: 532 pages
Publisher: Cambridge University Press; 1 edition (December 21, 2009)
Language: English
ISBN-10: 0521136563
ISBN-13: 978-0521136563
Product Dimensions: $6 \times 1.2 \times 9$ inches
Shipping Weight: 2 pounds (View shipping rates and policies)
Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review) Best Sellers Rank: \#1,060,003 in Books (See Top 100 in Books) \#144 inÂ Books > Science \& Math > Mathematics > Applied > Graph Theory \#182 inÂ Books > Science \& Math > Mathematics $>$ Pure Mathematics > Combinatorics \#868 inÂ Books > Science \& Math > Mathematics > Mathematical Analysis

## Customer Reviews

I've read it three times from cover to cover. It is an unbelievably rich book of unexpected depth. It will become a classic.

## Download to continue reading...

Additive Combinatorics (Cambridge Studies in Advanced Mathematics) Algebra, Logic and

Combinatorics (Ltcc Advanced Mathematics) An Introduction to the Theory of Reproducing Kernel Hilbert Spaces (Cambridge Studies in Advanced Mathematics) Classical and Multilinear Harmonic Analysis (Cambridge Studies in Advanced Mathematics) (Volume 1) An Introduction to Random Matrices (Cambridge Studies in Advanced Mathematics) Counting: The Art of Enumerative Combinatorics (Undergraduate Texts in Mathematics) Additive Manufacturing: 3D Printing for Prototyping and Manufacturing 3D Printing and Additive Manufacturing: Principles and Applications (with Companion Media Pack) - Fourth Edition of Rapid Prototyping Understanding Additive Manufacturing: Rapid Prototyping, Rapid Tooling, Rapid Manufacturing The 3D Printing Bible: Everything You Need To Know About 3D Printing (3D Printing, 3D Modelling, Additive Manufacturing, 3D Printers Book 1) Food Additive Guide Additive Schooling in Subtractive Times: Bilingual Education and Dominican Immigrant Youth in the Heights A Path to Combinatorics for Undergraduates: Counting Strategies 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

Dmca

