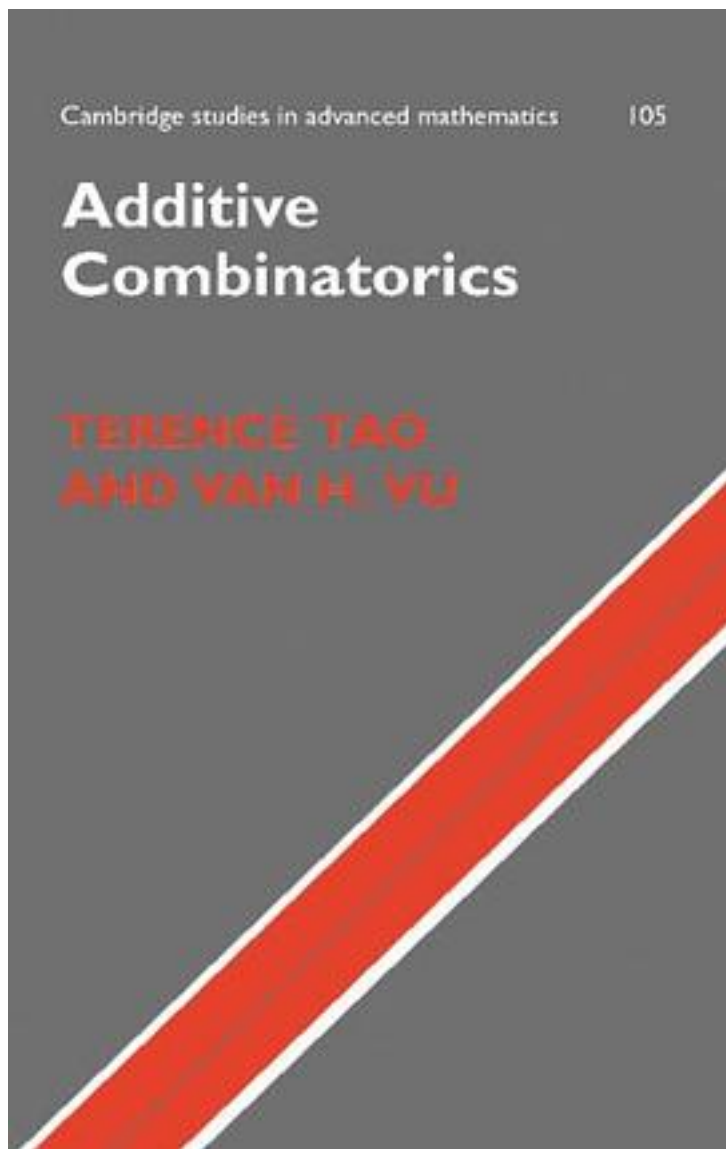


Additive Combinatorics



[Additive Combinatorics_ 下载链接1_](#)

著者:Terence Tao (陶哲軒)

出版者:Cambridge University Press

出版时间:2006-9-25

装帧:Hardcover

isbn:9780521853866

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 Szemerédi's theorem on arithmetic progressions, the Kakeya conjecture and Erdős distance problems, and the developing field of sum-product estimates. The text is supplemented by a large number of exercises and new results.

作者介绍:

目录:

[Additive Combinatorics_ 下载链接1](#)

标签

数学

陶哲轩

组合数学

combinatorics

计算机科学

算术组合

math

fourier

评论

题材很新颖，但typo太多，期待修订版

Roth's theorem， Erdos distance problem etc入门读物

[Additive Combinatorics_下载链接1](#)

书评

[Additive Combinatorics_下载链接1](#)