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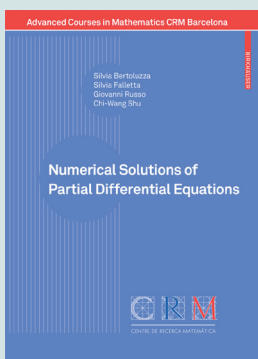
Combinatorial Number Theory and Additive Group Theory

Geroldinger, A., University of Graz, Austria /
Ruzsa, I. Z., Hungarian Academy of Sciences, Budapest, Hungary

2009. 344 pp. Softcover
EUR 39.90 / CHF 69.90
ISBN 978-3-7643-8961-1

Additive combinatorics is a relatively recent term coined to comprehend the developments of the more classical additive number theory, mainly focussed on problems related to the addition of integers. One of the features of contemporary additive combinatorics is the interplay of a great variety of mathematical techniques including combinatorics, harmonic analysis, convex geometry, graph theory, probability theory, algebraic geometry or ergodic theory.

This book gathers the contributions of many of the leading researchers in the area and is divided into three parts. The first two parts correspond to the material of the main courses delivered, *Additive combinatorics and non-unique factorizations*, by Alfred Geroldinger, and *Sumsets and structure*, by Imre Z. Ruzsa. The third part collects the notes of most of the seminars which accompanied the main courses.



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Bertoluzza, S., CNR, Pavia, Italy /
Falletta, S., Politecnico di Torino, Italy /
Russo, G., University of Catania, Italy /
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2009. 209 pp. Softcover
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