



Additive number theory : festschrift in honor of the sixtieth birthday of Melvyn B. Nathanson /

Chudnovsky, D. (David) (1947-)
Chudnovsky, G. (Gregory) (1952-)
Nathanson, Melvyn B. (Melvyn Bernard) (1944-)

Springer,
2010

Festschriften. Electronic books Festschriften.

Monografía

This impressive volume is dedicated to Mel Nathanson, a leading authoritative expert for several decades in the area of combinatorial and additive number theory. Nathanson's numerous results have been widely published in top notch journals and in a number of excellent graduate textbooks (GTM Springer) and reference works. For several decades, Mel Nathanson's seminal ideas and results in combinatorial and additive number theory have influenced graduate students and researchers alike. The invited survey articles in this volume reflect the work of distinguished mathematicians in number theory, and represent a wide range of important topics in current research

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbgVlcmF0aW9uOmVzLmJhemF0ei5yZW4vMzIxMDY4Njk>

Título: Additive number theory festschrift in honor of the sixtieth birthday of Melvyn B. Nathanson edited by David Chudnovsky, Gregory Chudnovsky

Editorial: New York London Springer 2010

Descripción física: 1 online resource

Bibliografía: Includes bibliographical references

Contenido: -Preface -- Sum-product theorems and applications (Bourgain).-Can you hear the shape of a Beatty sequence? (Graham, O'Bryant).-Variance of signals and their finite Fourier transforms (Chudnovsky, Chudnovsky, Morgan).-Sparse sets in time and frequency related to diophantine problems and integrable systems (Chudnovsky, Chudnovsky, Morgan).-Addition theorems in acyclic semigroups (Cilleruelo, Hamidoune, Serra).-Small sumsets in free products of $Z/2Z$ (Eliahou, Lecouvey).-A combinatorial approach to sums of two squares and related problems (Elsholtz).-A note on Elkin's improvement of Behrend's construction (Green, Wolf).-The postage stamp problem and essential subsets in integer bases (Hegarty).-A universal Stein-Tomas restriction estimate for measures in three dimensions (Iosevich, Roudenko).-The Erdos-Turán problem in infinite groups (Konyagin, Lev).-A tiling problem and the Frobenius number (Labrousse, Ramírez Alfonsín) -- Sumsets and the convex hull (Matolcsi, Ruzsa) -- Explicit constructions of infinite families of MSTD sets (Miller, Scheinerman).-Asymptotics of weighted lattice point counts inside dilating polygons (Nechayeva, Randol) -- Support bases of solutions of a functional equation arising from multiplication of quantum integers and the twin primes conjecture (Nguyen) -- Exponential sums and distinct points on arcs (Rdseth) -- New Vacca-type rational series for Euler's constant g and its "alternating" analog $\ln 4/p$ (Sondow) -- Mixed sums of primes and other terms (Sun) -- Classes of permutation polynomials based on cyclotomy and an additive analogue (Zieve)

Lengua: English

Copyright/Depósito Legal: 670293336 680622726 748403271 771173798 781300927 880314816 990539086 1005835317 1044198838 1067135483 1087336035 1112593294 1162791574 1204006643 1256377990 1259174653 1345498109

ISBN: 9780387683614 0387683615 1489981462 9781489981462 9780387370293 0387370293 1282982540 9781282982543 9786612982545 6612982543

Materia: Number theory Mathematics Algebra Physical Sciences & Mathematics Mathematics Number Theory Algebra Mathematical Logic and Foundations Théorie des nombres MATHEMATICS- Number Theory. Number theory. Algebra. Number theory.

Autores: Chudnovsky, D. (David) (1947-) Chudnovsky, G. (Gregory) (1952-) Nathanson, Melvyn B. (Melvyn Bernard) (1944-)

Enlace a formato físico adicional: Print version Additive number theory. New York ; London : Springer, 2010 9780387370293

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es