

1. Record Nr.	UNINA9910437874503321
Titolo	From fourier analysis and number theory to radon transforms and geometry : in memory of Leon Ehrenpreis // Hershel M. Farkas ... [et al.] editors
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-283-62372-2 9786613936172 1-4614-4075-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (562 p.)
Collana	Developments in mathematics, , 1389-2177 ; ; v. 28
Altri autori (Persone)	FarkasHershel M EhrenpreisLeon
Disciplina	510
Soggetti	Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface. Biographical Sketch of Leon Ehrenpreis (Yael Ehrenpreis Meyer) -- Differences of Partition Functions - The Anti-Telescoping Method(G. E. Andrews) -- The Extremal Plurisubharmonic Function for Linear Growth (D. Bainbridge) -- Mahonian Partition Identities Via Polyhedral Geometry (M. Beck, B. Braun, N. Le) -- Second Order Modular Forms with Characters (T. Blann, N. Diamantis) -- Disjointness of Moebius From Horocycle Flows (J. Bourgain, P. Sarnak, T. Zeigler) -- Duality and Differential Operators for Harmonic MAASS Forms (K. Bringmann, B. Kane, R.C. Rhoades) -- Function Theory Related to the Group PSL2(R) (R. Bruggeman, J. Lewis, D. Zagier) -- Analysis of Degenerate Diffusion Operators Arising in Population Biology (C.L. Epstein, R. Mazzeo) -- A Matrix Related to the Theorem of Fermat and the Goldbach Conjecture (H.M. Farkas) -- Continuous Solutions of Linear Equations (C. Fefferman, J. Kollár) -- Recurrence for Stationary Group Actions (H. Furstenberg, E. Glasner) -- On the Honda—Kaneko Congruences (P. Guerzhoy) -- Some Intrinsic Constructions on Compact Riemann Surfaces (Robert C. Gunning) -- The Parallel Refractor (C.E. Gutiérrez, F. Tournier) -- On a Theorem of N. Katz and Bases in Irreducible Representations (D. Kazhdan) -- Vector-valued Modular Forms with an Unnatural Boundary (M. Knopp, G. Mason) -- Loss of Derivatives (J.J.

Kohn) -- On an Oscillatory Result for the Coefficients of General Dirichlet Series (W. Kohnen, W. de Azevedo Pribitkin) -- Representation Varieties of Fuchsian Groups (M. Larsen, Alexander Lubotzky) -- Two Embedding Theorems (G.A. Mendoza) -- Cubature Formulas and Discrete Fourier Transform on Compact Manifolds (I. Z. Pesenson, D. Geller) -- The Moment Zeta Function and Applications (I. Rivin) -- A Transcendence Criterion for CM on Some Families of Calabi—Yau Manifolds (P. Tretkoff) -- Ehrenpreis and the Fundamental Principle (F. Treves) -- Minimal Entire Functions (B. Weiss) -- A Conjecture by Leon Ehrenpreis about Zeroes of Exponential Polynomials (A. Yger) -- The Discrete Analog of the Malgrange—Ehrenpreis Theorem (D. Zeilberger) -- The Legacy of Leon Ehrenpreis -- PhD Students -- Publications of Leon Ehrenpreis.

Sommario/riassunto

This publication is an outgrowth of a memorial conference for Leon Ehrenpreis held at Temple University, November 15–16, 2010. In the spirit of Ehrenpreis's contribution to mathematics, the papers in this volume, written by prominent mathematicians, represent the wide breadth of subjects that Ehrenpreis traversed in his career, including partial differential equations, combinatorics, number theory, complex analysis, and some applied mathematics. The papers in this volume generally contain all new results in the various fields in which Ehrenpreis worked. The mature mathematician will find new mathematics and the advanced graduate student will find many new ideas to explore. A biographical sketch of Leon Ehrenpreis enhances the memorial tribute and gives the reader a glimpse into the life and career of a great mathematician and gentleman. The mature mathematician will find new mathematics and the advanced graduate student will find many new ideas to explore. A biographical sketch of Leon Ehrenpreis enhances the memorial tribute and gives the reader a glimpse into the life and career of a great mathematician and gentleman.
