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Nota di contenuto	Part I Yingkang: Remembering Professor Yingkang Hu -- Remembrances -- On Some Properties of Moduli of Smoothness with JacobiWeights -- Part II Approximation Theory, Harmonic and Complex Analysis, Splines and Classical Fourier Theory -- Special Difference Operators and the Constants in the Classical Jackson-Type Theorems -- Comparison Theorems for Completely and Multiply Monotone Functions and Their Applications -- Concerning Exponential Bases on Multi-Rectangles of Rd -- Hankel Transforms of General Monotone Functions -- Univalence of a Certain Quartic Function -- Finding, Stabilizing, and Verifying Cycles of Nonlinear Dynamical Systems -- Finding Orbits of Functions Using Suffridge Polynomials -- The Sharp Remez-Type Inequality for Even Trigonometric Polynomials on the Period -- The Lebesgue Constants of Fourier Partial Sums -- Liouville–Weyl Derivatives of Double Trigonometric Series -- Inequalities in Approximation Theory Involving Fractional Smoothness in Lp, 0 < p < 1 -- On de Boor–Fix Type Functionals for Minimal Splines -- A

Multidimensional Hardy–Littlewood Theorem -- The Spurious Side of DiagonalMultipoint Padé Approximants -- Spline Summability of Cardinal Sine Series and the Bernstein Class -- Integral Identities for Polyanalytic Functions -- Pointwise Behavior of Christoffel Function on Planar Convex Domains -- Towards Best Approximations for /x/ -- Fixed Volume Discrepancy in the Periodic Case -- Approximation by Trigonometric Polynomials in Stechkin Majorant Spaces -- On Multivariate Sampling of a Class of Integral Transforms -- Applied and Numerical Harmonic Analysis (94 volumes).

Sommario/riassunto

Different aspects of harmonic analysis, complex analysis, sampling theory, approximation theory and related topics are covered in this volume. The topics included are Fourier analysis, Padè approximation, dynamical systems and difference operators, splines, Christoffel functions, best approximation, discrepancy theory and Jackson-type theorems of approximation. The articles of this collection were originated from the International Conference in Approximation Theory, held in Savannah, GA in 2017, and organized by the editors of this volume.