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Nota di contenuto	Maximal Rotational Hypersurfaces Having Spacelike Axis, Spacelike Profile Curve in Minkowski Geometry -- On the generalized k-Horadam like sequences -- New Results on (p1, p2…,pn, k) -Analogue of Lauricella function with transforms and Fractional calculus operator -- Absolute Linear Method of Summation for Orthogonal Series -- Derivations and Special Functions over Fields -- On Equalities of Central Automorphisms Group With Various Automorphism Groups -- Automorphism Group and Laplacian Spectrum of a Graph over Brandt Semigroups -- Unified iteration scheme in CAT(0) spaces and fixed point approximation of mean nonexpansive mappings -- Semigroups of Completely Positive Maps -- On Sumset Problems And Their Various Types -- Vector-Valued Affine Bi-Frames on Local Fields -- A New Perspective on I2-statistical limit points and I2-statistical cluster points

	in probabilistic normed spaces -- Evaluation of Integral transforms in terms of Humbert and Lauricella functions and their applications -- Some Spaces in Neutrosophic e-Open Sets -- Generalized Finite Continuous Ridgelet Transform.
Sommario/riassunto	The chapters in this contributed volume explore new results and existing problems in algebra, analysis, and related topics. This broad coverage will help generate new ideas to solve various challenges that face researchers in pure mathematics. Specific topics covered include maximal rotational hypersurfaces, k-Horadam sequences, quantum dynamical semigroups, and more. Additionally, several applications of algebraic number theory and analysis are presented. Algebra, Analysis, and Associated Topics will appeal to researchers, graduate students, and engineers interested in learning more about the impact pure mathematics has on various fields.