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Titolo	Advances in Complex Analysis and Operator Theory : Festschrift in Honor of Daniel Alpay's 60th Birthday // edited by Fabrizio Colombo, Irene Sabadini, Daniele C. Struppa, Mihaela B. Vajiac
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Descrizione fisica	1 online resource (VIII, 398 p.)
Collana	Trends in Mathematics, , 2297-024X
Disciplina	515.9
Soggetti	Functions of complex variables Functional analysis Operator theory Functions of a Complex Variable Functional Analysis Operator Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Classes of de Branges matrices and corresponding de Branges spaces -- Divided differences and two-sided polynomial interpolation over quaternions -- Fischer Decomposition in generalized fractional Clifford Analysis -- Free Products of C*-Probability Spaces from p-Adic Hecke Algebras -- An introduction to fractional powers of quaternionic operators and new fractional diffusion processes -- Finite-dimensional self-adjoint extensions of a symmetric operator with finite defect and their compressions -- On the structure of Hausdorff moment sequences of complex matrices -- On some extremal problems for analytic functions with constraints on real or imaginary parts -- A Burns-Krantz type theorem for pseudo-contractive mappings -- Spectral Convergence of Large Block-Hankel Gaussian Random Matrices -- Bernstein type Inequalities for Bicomplex Polynomials -- Finite unions of intervals, Part I -- Directing functionals and de Branges space completions in almost Pontryagin spaces.
Sommario/riassunto	This book gathers contributions written by Daniel Alpay's friends and

collaborators. Several of the papers were presented at the International Conference on Complex Analysis and Operator Theory held in honor of Professor Alpay's 60th birthday at Chapman University in November 2016. The main topics covered are complex analysis, operator theory and other areas of mathematics close to Alpay's primary research interests. The book is recommended for mathematicians from the graduate level on, working in various areas of mathematical analysis, operator theory, infinite dimensional analysis, linear systems, and stochastic processes.

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