

1. Record Nr.	UNINA9910338258803321
Titolo	Analysis as a Life : Dedicated to Heinrich Begehr on the Occasion of his 80th Birthday // edited by Sergei Rogosin, Ahmet Okay Çelebi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2019
ISBN	3-030-02650-7
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXII, 318 p. 24 illus., 19 illus. in color.)
Collana	Trends in Mathematics, , 2297-024X
Disciplina	515.7
Soggetti	Functional analysis Differential equations Functions of complex variables Functional Analysis Differential Equations Several Complex Variables and Analytic Spaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Analysis as a life -- Stories -- Deformation of complex structures and boundary value problem with shift -- Dirichlet problem for Poisson and Bi-Poisson equations in Clifford analysis -- Boundary eigenvalues of pluriharmonic functions for the third boundary condition of the polydisc -- Survey of some general properties of meromorphic functions in a given domain -- Boundary value problems in polydomains -- Completeness Theorems on the Boundary in Thermoelasticity -- A circle pattern algorithm via combinatorial Ricci flows -- Strong Asymptotic Analysis of OLPs on the Unit Circle by Riemann-Hilbert Approach -- Time Dependent Solutions for the Biot Equations -- Schwartz-type boundary value problems for monogenic functions in a biharmonic algebra -- The string equation for some rational functions -- Newtonian and single layer potentials for the Stokes system with L coefficients and the exterior Dirichlet problem -- Special functions method for fractional analysis and fractional modelling -- To elliptic systems of two equations on the plane -- Real Variable Inverse Laplace Transform.

Sommario/riassunto

This is a book comprising selected papers of colleagues and friends of Heinrich Begehr on the occasion of his 80th birthday. It aims at being a tribute to the excellent achievements of Heinrich Begehr in complex analysis and complex differential equations, and especially to his prominent role as one of the creators and long-time leader of the International Society for Analysis, its Applications and Computation (ISAAC).
