1. Record Nr. UNINA9910300119603321 Titolo Indefinite Inner Product Spaces, Schur Analysis, and Differential Equations: A Volume Dedicated to Heinz Langer / / edited by Daniel Alpay, Bernd Kirstein Cham:,: Springer International Publishing:,: Imprint: Birkhäuser,, Pubbl/distr/stampa **ISBN** 3-319-68849-9 Edizione [1st ed. 2018.] 1 online resource (XVI, 495 p. 53 illus., 51 illus. in color.) Descrizione fisica Linear Operators and Linear Systems, , 2504-3609; ; 263 Collana Disciplina 515.7 Soggetti Operator theory Functional analysis System theory **Operator Theory Functional Analysis** Systems Theory, Control Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references at the end of each chapters. Nota di bibliografia Sommario/riassunto This volume, which is dedicated to Heinz Langer, includes biographical material and carefully selected papers. Heinz Langer has made fundamental contributions to operator theory. In particular, he has studied the domains of operator pencils and nonlinear eigenvalue problems, the theory of indefinite inner product spaces, operator theory in Pontryagin and Krein spaces, and applications to mathematical physics. His works include studies on and applications of Schur analysis in the indefinite setting, where the factorization theorems put forward by Krein and Langer for generalized Schur functions, and by Dijksma-Langer-Luger-Shondin, play a key role. The contributions in this volume reflect Heinz Langer's chief research interests and will appeal to a broad readership whose work involves operator theory. .