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| 1. Record Nr. | UNINA9910483233803321 |
| Titolo | Complex Function Theory, Operator Theory, Schur Analysis and Systems Theory : A Volume in Honor of V.E. Katsnelson // edited by Daniel Alpay, Bernd Fritzsche, Bernd Kirstein |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2020 |
| ISBN | 3-030-44819-3 |
| Edizione | [1st ed. 2020.] |
| Descrizione fisica | 1 online resource (VI, 581 p. 34 illus., 24 illus. in color.) |
| Collana | Linear Operators and Linear Systems, , 2504-3617 ; ; 280 |
| Disciplina | 515.724 |
| Soggetti | Operator theory Operator Theory |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Victor comes to Rehovot -- My Teacher Viktor Emmanuilovich Katsnelson -- Some impressions of Viktor Emmanuilovich Katsnelson -- The good fortune of maintaining a long-lasting close friendship and scientific collaboration with V. E. Katsnelson -- A piece of Victor Katsnelsons mathematical biography -- Interpolation by contractive multipliers between Fock spaces -- Regular extensions and defect functions of contractive measurable operator-valued functions -- Free-homomorphic relations induced by certain free semicircular families -- Self-adjoint extensions of a symmetric linear relation with nite defect: compressions and Straus subspaces -- On conditions for complete indeterminacy of the matricial Hamburger moment problem -- On a Blaschke-type condition for subharmonic function with two sets of singularities on the boundary -- Exponential Taylor domination -- A closer look at the solution of the truncated matricial moment problem -- On a class of sectorial relations and the associated closed forms -- Spectral decompositions of selfadjoint relations in Pontryagin spaces and factorizations of generalized Nevanlinna functions -- Martin functions of Fuchsian groups and character automorphic subspaces of the Hardy space in the upper half-plane. |
| Sommario/riassunto | This book is dedicated to Victor Emmanuilovich Katsnelson on the occasion of his 75th birthday and celebrates his broad mathematical |

interests and contributions. Victor Emmanuilovich's mathematical career has been based mainly at the Kharkov University and the Weizmann Institute. However, it also included a one-year guest professorship at Leipzig University in 1991, which led to him establishing close research contacts with the Schur analysis group in Leipzig, a collaboration that still continues today. Reflecting these three periods in Victor Emmanuilovich's career, present and former colleagues have contributed to this book with research inspired by him and presentations on their joint work. Contributions include papers in function theory (Favorov-Golinskii, Friedland-Goldman-Yomdin, Kheifets-Yuditskii), Schur analysis, moment problems and related topics (Boiko-Dubovoy, Dyukarev, Fritzsche-Kirstein-Mädler), extension of linear operators and linear relations (Dijksma-Langer, Hassi-de Snoo, Hassi -Wietsma) and non-commutative analysis (Ball-Bolotnikov, Cho-Jorgensen).
