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## Spectral Theory in Inner Product Spaces and Applications

By Jussi Behrndt

Springer Basel AG Nov 2008, 2008. Buch. Book Condition: Neu. 27.9x21x cm. Neuware - This volume contains papers written by participants of the 6th Workshop on Operator Theory in Krein Spaces and Operator Polynomials, which was held at the Technische Universität Berlin, Germany, December 14 to 17, 2006. This workshop was attended by 67 participants from 14 countries. The lectures covered topics from spectral and perturbation theory of linear operators in inner product spaces and from operator polynomials. They included the theory of generalized Nevanlinna and Schur functions, differential operators, singular perturbations, de Branges spaces, scattering problems, block numerical ranges, nonnegative matrices and relations. All these topics are reflected in the present volume. Besides, it contains an after dinner speech from an earlier workshop, which we think may be of interest for the reader, as well as a speech on the occasion of the retirement of Peter Jonas. It is a pleasure to acknowledge the substantial financial support received from the Deutsche Forschungsgemeinschaft (DFG), Berlin Mathematical School (BMS), DFG-Forschungszentrum MATHEON Mathematik für Schlüsseltechnologien, Institute of Mathematics of the Technische Universität Berlin. We would also like to thank Petra Grimberger for her great help in the organisation. Without her assistance the workshop might not have taken place....



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