



## Problems and Methods in Mathematical Physics

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Book Condition: New. Publisher/Verlag: Springer, Basel | The Siegfried Prössdorf Memorial Volume Proceedings of the 11th TMP, Chemnitz (Germany), March 25-28, 1999 | This volume presents the proceedings of the 11th Conference on Problems and Methods in Mathematical Physics (11th TMP), held in Chemnitz, March 25-28, 1999. The conference was dedicated to the memory of Siegfried Prössdorf, who made important contributions to the theory and numerical analysis of operator equations and their applications in mathematical physics and mechanics. The main part of the book comprises original research papers. The topics are ranging from integral and pseudodifferential equations, boundary value problems, operator theory, boundary element and wavelet methods, approximation theory and inverse problems to various concrete problems and applications in physics and engineering, and reflect Prössdorf's broad spectrum of research activities. The volume also contains articles describing the life and mathematical achievements of Siegfried Prössdorf and includes a list of his publications. The book is addressed to a wide audience in the mathematical and engineering sciences. | Obituary.- In memory of Siegfried Prössdorf.- Siegfried Prössdorf - A short review of his scientific career.- On the theory of a singular Vekua system.- Singular integral operators with complex conjugation from the viewpoint of...



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