Robert Plato* (plato@mathematik.uni-siegen.de), Department of Mathematics, University of Siegen, Walter-Flex-Str. 3, Siegen, 57068. Some new results on Lavrentiev regularization for linear accretive ill-posed problems.

In this talk we consider Lavrentiev regularization for solving linear accretive ill-posed problems in Hilbert spaces. We present converse and saturation results both for exact and noisy data, and quasi-optimality results for parameter choices are obtained as a by-product. New results on adjoint source representations are also given.

References


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