
*Workshop dedicated to the memory of Professor Gabriela Kohr
(4th edition)*

Geometric Function Theory in Several Complex Variables and Complex Banach Spaces

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Two dimensional tomography via the A -analytic maps on the space of sequences

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Abstract

The notion of A -analyticity was introduced by A. Bukhgeim in the mid 1990s in order to solve an outstanding open problem in planar tomography. I will present some of Bukhgeim's original ideas, and how they extend naturally to a system of Beltrami-like equations for A -analytic maps. I will briefly describe their practical use in tensor tomography.