
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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Mixed norm estimates via the Helicoidal Method

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Abstract

The goal of the talk is to explain how the Helicoidal Method that we developed in the last few years can also offer a new paradigm for proving mixed norm estimates for operators in Harmonic Analysis. Most likely, we will concentrate on the (least technical) case of paraproducts, and describe a natural, complete, mixed norm estimates extension, of the classical Coifman-Meyer theorem. Joint work with Cristina Benea.