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Boundedness of commutators and H^1 -BMO duality in the two matrix weighted setting

Abstract

In this talk we discuss the two matrix weighted boundedness of commutators with any of the Riesz transforms in terms of a natural two matrix weighted BMO space. Furthermore, we identify this BMO space when $p = 2$ as the dual of a natural two matrix weighted H^1 space and discuss some consequences.

Talk time: 07/22/2016 3:30PM— 07/22/2016 3:50PM

Talk location: Crow 204

Special Session: Harmonic analysis. Organized by K. Bickel.