

A. Blanco, S. Kaijser and T. J. Ransford, **Real interpolation of Banach algebras and factorization of weakly compact homomorphisms**, *J. Funct. Anal.*, 217 (2004), 126–141.

Abstract

We consider the problem of when the real interpolation method respects Banach-algebra structure. Using our results, we show that every weakly compact homomorphism between Banach algebras factors through a reflexive Banach algebra.