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Steven C Hofmann* (hofmanns@missouri.edu), Dept. of Mathematics, University of Missouri, Columbia, MO 65211. *Harmonic analysis and uniform rectifiability.*

We discuss joint work with J.-M. Martell, and with Martell and I. Uriarte-Tuero, concerning a rather sharp relationship between higher integrability of the Poisson kernel, and the geometry of a domain. (Received September 14, 2010)