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A. Eduardo Gatto, Ebner Pineda and Wilfredo O Urbina* (wurbina@depaul.edu),
Department of Mathematical Sciences, DePaul University 2320 N Kenmore Ave, Chicago, IL
60614. *Riesz Potentials, Bessel Potentials and Fractional Derivatives on Gaussian Besov-Lipschitz
spaces $B_{p,q}^\alpha(\gamma_d)$ and on Triebel-Lizorkin spaces $F_{p,q}^\alpha(\gamma_d)$.*

We study the boundedness properties of Riesz Potentials, Bessel potentials and Fractional Derivatives on Gaussian Besov-Lipschitz spaces $B_{p,q}^\alpha(\gamma_d)$ and on Triebel-Lizorkin spaces $F_{p,q}^\alpha(\gamma_d)$. (Received February 24, 2010)