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SOBOLEV TYPE THEOREMS FOR  $B_{k,n}$ -RIESZ POTENTIALS

Abstract

*In this paper, we investigate the  $B_{k,n}$ -Riesz potentials (Riesz-Fourier-Bessel potentials)  $I_{B_{k,n}}^\alpha$  on the  $L_{p,\gamma_{k,n}}(R_{k,+}^n)$  and  $BMO_{\gamma_{k,n}}(R_{k,+}^n)$ .*