

FRACTIONAL INTEGRAL OPERATORS IN NONHOMOGENEOUS SPACES

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Abstract	We discuss here the boundedness of the fractional integral operator I_α and its generalized version on generalized nonhomogeneous Morrey spaces. To prove the boundedness of I_α , we employ the boundedness of the so-called maximal fractional integral operator I_α, I_α^* . In addition, we prove an Olsen-type inequality, which is analogous to that in the case of homogeneous type.
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