

TWO-WEIGHT ENTROPY BOUNDEDNESS OF MULTILINEAR FRACTIONAL TYPE OPERATORS

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Abstract. This paper will be devoted to study the two-weight norm inequalities of the multilinear fractional maximal operator \mathcal{M}_α and the multilinear fractional integral operator \mathcal{I}_α . The entropy conditions in the multilinear setting will be introduced and the entropy bounds for \mathcal{M}_α and \mathcal{I}_α will be given.

Mathematics subject classification (2010): 26D10.

Keywords and phrases: Two-weight, entropy conditions, Carleson embedding theorem, multilinear fractional integral operator.

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