

## WEIGHTED ESTIMATES OF MULTILINEAR FRACTIONAL INTEGRAL OPERATORS FOR RADIAL FUNCTIONS

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*Abstract.* Moen (2009) proved weighted estimates for multilinear fractional integral operators. We consider weighted estimates of these operators for radial functions and power weights and obtain a better result. Our result is a multilinear variant of the one by De Napoli, Drelichman and Durán (2011). As applications, we get improvements of the bilinear Caffarelli-Kohn-Nirenberg's inequality.

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