

ON SOME REVERSE WEIGHTED $L_p(\mathbb{R}^n)$ -NORM INEQUALITIES IN CONVOLUTIONS AND THEIR APPLICATIONS

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Abstract. In this paper, we give the reverse weighted $L_p(\mathbb{R}^n)$ norm inequalities and their important applications to studying stability of some inverse problems. Especially, we will see their applications to inverse problems in non-homogeneous linear differential equations.

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