NECESSARY AND SUFFICIENT CONDITIONS FOR
BOUNDEDNESS OF THE HARDY–TYPE OPERATOR FROM
A WEIGHTED LEBESGUE SPACE TO A MORREY–TYPE SPACE

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Abstract. Necessary and sufficient conditions on functions $u$ and $w$ are established ensuring boundedness of the multi-dimensional Hardy-type operator $H_{n,\theta}$ from a weighted Lebesgue space $L_{p,u}({\mathbb R}^n)$ to a local Morrey-type space $LM_{q,w}({\mathbb R}^n)$ for a wide range of the numerical parameters $p, q, \theta$.


Keywords and phrases: Hardy–type operator, boundedness, weighted Lebesque spaces, general Morrey–type spaces.

REFERENCES
