

ON RELATIONS BETWEEN WEAK AND STRONG
TYPE INEQUALITIES FOR MAXIMAL OPERATORS
ON NON-DOUBLING METRIC MEASURE SPACES

DARIUSZ KOSZ

Abstract: In this article we characterize all possible cases that may occur in the relations between the sets of p for which weak type (p, p) and strong type (p, p) inequalities for the Hardy–Littlewood maximal operators, both centered and non-centered, hold in the context of general metric measure spaces.

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