WEAK AND STRONG TYPE ESTIMATES FOR THE COMMUTATORS OF HAUSDORFF OPERATORS

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Abstract. This paper addresses weak and strong type Lebesgue space estimates for the commutators of \( n \)-dimensional Hausdorff operators when the symbol functions belong to Lipschitz space. Strong type estimates for such commutators on classical Morrey spaces are established as well.


Keywords and phrases: Hausdorff operators, commutators, weak and strong type space, Lipschitz functions, Marcinkiewicz interpolation.

REFERENCES


