A CHARACTERIZATION OF MULTIPLIERS IN THE HEDBERG–NETRUSOV SPACES

A. I. Parfenov

We expose a criterion of the membership of a function in the space of pointwise multipliers between the Hedberg–Netrusov spaces. The criterion is stated in terms of a pair of discrete weighted inequalities. Connections of the criterion with the problem of rectifiability of Lipschitz surfaces are established.

Key words and phrases: Hedberg–Netrusov space, Lizorkin–Triebel space, pointwise multiplier.

Parfenov Anton Igorevich

Sobolev Institute of Mathematics, Novosibirsk, 630090 Russia. Novosibirsk State University, Novosibirsk, 630090 Russia. E-mail: parfenov@math.nsc.ru Received June 7, 2010

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