

A CRITERION FOR THE STRAIGHTENING OF A LIPSCHITZ SURFACE IN THE LIZORKIN–TRIEBEL SENSE. II

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We study the notion of the straightening of the graph of a Lipschitz function in the Lizorkin–Triebel sense introduced by the author in the first part of the article (see [1]). In all the cases, a criterion of the straightening is found in terms of a dyadic weighted inequality where oscillations of a given function on stretched dyadic cubes are involved.

Key words and phrases: Lipschitz domain, the Lizorkin–Triebel space, trace, straightening, dyadic cube.

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1. *Parfenov A. I.* (2009) Criteria for straightening of a Lipschitz surface in the Lizorkin–Triebel sense. I, *Matem. Tr.*, v. 12, N 1, 144–204 (English translation: *Siberian Adv. Math.*, v. 20, N 2, 83–127 (2010)).