

**A CRITERION FOR STRAIGHTENING
OF A LIPSCHITZ SURFACE
IN THE LIZORKIN–TRIEBEL SENSE. I***A. I. Parfenov*

We study the conditions when the trace of a Lizorkin–Triebel space on a Lipschitz surface coincides with the trace of this space on a hyperplane. A criterion in terms of a dyadic weighted inequality is found for a wide range of indices.

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

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