

**BOUNDARY BEHAVIOR OF FUNCTIONS
FROM SOBOLEV CLASSES DEFINED ON DOMAINS
WITH EXTERIOR PEAK**

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We establish an invertible characteristic of the boundary behavior of functions from Sobolev spaces defined on a space domain having a vertex of exterior peak on the boundary. The boundary is assumed sufficiently smooth in a neighborhood of the peak vertex. The description of the traces on the boundary is given with the use of weighted Besov spaces.

Key words and phrases: Sobolev space, weighted Besov space, peak, boundary behavior of functions.

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Received

August 18, 2013

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Translated into English:

Siberian Advances in Mathematics, V. 24, N 4, 261–281 (2014).

DOI: 10.3103/S1055134414040038