

FUNCTION SPACES ON LIPSCHITZ DOMAINS: A SURVEY

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ABSTRACT. In recent times there is a growing interest in function spaces of Sobolev-Besov type in bounded Lipschitz domains in the euclidean n -space. We describe old and new results including the following topics:

- Intrinsic definitions and characterizations.
- Extensions.
- Interpolation.
- Entropy numbers.
- Numerical aspects (sampling numbers).