## SPACES OF DIFFERENTIABLE FUNCTIONS ON AN IRREGULAR DOMAIN

## Besov O.V.

 $Steklov\ Mathematical\ Institute\ RAS,\ Moscow,\ Russia;\\ \texttt{besov@mi.ras.ru}$ 

On irregular domains  $G \subset \Omega$  of certain type the spaces of fractional order s>0 of differentiability are introduced. The embedding theorems are established which connect these spaces with Sobolev spaces  $W_p^M(G)$  and Lebesgue spaces  $L_p(G)$ .