

In literature we can find a variety of ways to introduce Sobolev space $W^{1,1}$ on bounded and open interval. In this thesis we will put them in context. We will show that completion of set of function with continuous first derivative, the space of functions with weak derivative and space of absolutely continuous functions are isometrically isomorphic. Furthermore, we will demonstrate that the Sobolev space $W^{1,\infty}$ is isometrically isomorphic to space of Lipschitz functions. We will also show several trivial and nontrivial embeddings for Besov spaces. Finally, we will examine the question, whether functions from Besov space are, given some parameters, included in set of continuous functions.