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### **On reduced Sobolev imbeddings**

We shall discuss imbeddings and some other inequalities for norms in Sobolev and more general spaces under weaker assumptions on the differentiability, which still preserve usual integrability improvement. It seems that there is no complete theory for removing redundancies in assumptions, nevertheless, some important particular cases are well understood now. We shall pay attention to the classical *reduced Sobolev spaces* and to the *spaces with dominating mixed smoothness*, we shall survey imbeddings and interpolation inequalities for them and touch some open problems.