Abstract. The talk is based on a joint work with Susana D. Moura and Júlio S. Neves. We study necessary and sufficient conditions for embeddings of Besov spaces of generalized smoothness $B^{(n/p, \Psi)}_{p,q}(\mathbb{R}^n)$ into generalized Hölder spaces $\Lambda^{(\alpha, r)}_{\infty, r}(\mathbb{R}^n)$. In particular, we are able to characterize optimal embeddings for this class of spaces provided $q > 1$. These results improve the embedding assertions given by the continuity envelopes of $B^{(n/p, \Psi)}_{p,q}(\mathbb{R}^n)$, which were obtained recently solving an open problem of Dorothee D. Haroske in the classical setting.

In terms of Triebel-Lizorkin spaces $F^{(n/p, \Psi)}_{p,q}(\mathbb{R}^n)$ we obtain similar results, with the usual replacement of $q$ by $p$.

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