

Interpolations of Morrey spaces and related smoothness spaces

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Abstract In this talk, we describe some recently results on interpolation of Morrey-Campanato spaces and some smoothness spaces based on Morrey spaces, including Besov-Morrey spaces, Triebel-Lizorkin-Morrey spaces, Besov-type spaces and Triebel-Lizorkin-type spaces. Various interpolation methods, including the complex method, the \pm -method and the Peetre-Gagliardo method, are studied in such a framework.