

Complex interpolation of Morrey spaces—second method

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It is known in [2] that Morrey spaces are closed under the second complex interpolation functor introduced by Calderón. In this talk, we shall discuss the interpolation for the closure in Morrey spaces of the set of all compactly supported functions. We also present the description of the interpolation of these spaces. We want to discuss the difference between the first and the second interpolation functors via linear subspaces of $L^0(\mathbf{R}^n)$. This is a joint work with Dr. Denny Ivanal Hakim in Tokyo Metropolitan University.

References

- [1] D. I. Hakim and Y. Sawano, Interpolation Property of Generalized Morrey spaces, submitted.
- [2] P. G. Lemarié-Rieusset, Erratum to: Multipliers and Morrey spaces, 2014.