

Applications of interpolation methods and Morrey spaces to elliptic PDEs

MIECZYŚLAW MASTYŁO AND YOSHIHIRO SAWANO

Abstract. We study abstract classes of Morrey spaces generated by the Calderón-Lozanovskii product and investigate their interpolation properties. We also establish the stability of isomorphisms on interpolation scales of upper Calderón complex interpolation spaces. These studies are motivated by applications to elliptic differential equations which involve generalized Morrey spaces.

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