

Norm inequalities for square functions in some Morrey's subspaces

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We prove that the intrinsic square function and the intrinsic Littlewood-Paley g^{\ast}_{λ} -function as defined by Wilson, are bounded in a family of weighted subspaces of Morrey spaces. The corresponding commutators generated by bounded mean oscillation functions are also considered.

Comments: 13 pages, we have corrected some mistakes and some errors in the proofs

Subjects: **Classical Analysis and ODEs (math.CA)**

MSC classes: 43A15, 42B20, 42B25, 42B35

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