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Monotone rearrangement and Bellman functions for VMO with generalized Campanato norm

We consider VMO on an interval equipped with a Campanato-type norm and prove that monotone rearrangement does not increase the norm in this space. This allows us to compute Bellman functions for a family of integral functionals in this setting. Such functions are non-autonomous, in the sense that the length of the interval explicitly enters as one of the three Bellman variables, thus breaking with the method's traditional reliance on scale invariance. This is joint work with Pavel Zatitskii.