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*Boundedness and continuity of rearrangements on spaces defined by mean oscillation*

In joint work with Almut Burchard and Galia Dafni, we study the boundedness and continuity of rearrangement operators on the space BMO of functions of bounded mean oscillation. New bounds are obtained on the BMO-seminorm of the decreasing and the symmetric decreasing rearrangements, both of which are shown to be discontinuous as maps on BMO. The corresponding questions of boundedness and continuity for both these rearrangements on the space VMO of functions of vanishing mean oscillation is then addressed.