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Boundedness of some operators from RIS to Morrey spaces

The criteria of the boundedness of some operators are studied between rearrangement invariant spaces (RIS) and weighted Morrey-type spaces. In many cases the problem is reduced to the boundedness of Hardy-type operators on the cones of decreasing functions. The concrete answers are obtained in the case of maximal operator acting from weighted Lorentz spaces with general weights to Morrey-type spaces.