



Zhijian WU (zwu@gp.as.ua.edu), Department of Mathematics, University of Alabama, College of Arts and Sciences, Tuscaloosa, AL 35487-0350, USA, *Morrey space and applications*.

ABSTRACT. We characterize functions in Morrey space by p -Carleson measures. We then reveal a simple relation between Q space and Morrey space, that is Q space can be viewed as a fractional integration of the Morrey space. Therefore many results for Morrey space can be translated onto Q space. For example, we show that Q space is a dual space by identifying its predual.