



Ruhan Zhao (rzhao@brockport.edu) Department of Mathematics, SUNY Brockport, Brockport, NY 14420, USA, *Carleson measures, Riemann-Stieltjes and multiplication operators on $F(p,q,s)$ spaces.*

ABSTRACT. Let μ be a nonnegative Borel measure on the unit disk of the complex plane. We characterize those measures μ such that the general family of spaces of analytic functions, $F(p, q, s)$, which contain many classical function spaces, including the Bloch space, $BMOA$ and the Q_s spaces, are embedded boundedly or compactly into the tent-type spaces. The results are applied to characterize boundedness and compactness of Riemann-Stieltjes operators and multiplication operators on $F(p, q, s)$.