1067-30-59 **Maher M.H. Marzuq*** (maher_marzuq@yahoo.com), Maher M.H. Marzuq, Plymouth, MA 02360. *Interpolation Sequence for the Spaces* $H^q_+(\varphi)(q \ge 1)$

Let φ be a subadditive increasing real valued function defined on $[0, \infty)$ and which satisfies $\varphi(x) = 0$ if and only if x = 0. For $q \ge 1$ we define $H^q(\varphi)$ to be the set of all functions f which are analytic in the open unit disc and satisfy

$$\sup_{0 \le r < 1} \int_0^{2\pi} [\varphi(|f(re^{i\theta})|]^d d\theta < \infty$$

and $H_+^q(\varphi)$ to be the subspace of $H^q(\varphi)$ of functions which satisfy

$$\lim_{r \to 1} \int_0^{2\pi} [\varphi(|f(re^{i\theta})|)^q d\theta = \int_0^{2\pi} [\varphi(|f(e^{i\theta})|)]^q d\theta.$$

In this paper we prove some interpolation theorems for $H_+^q(\varphi)$. (Received July 06, 2010)