A B S T R A C T

We give sufficient conditions on a real number β and on a closed set F in a general space of homogeneous type (X, d, μ) in such a way that $\mu(B(x, d(x, F)))^{\beta}$ becomes a Muckenhoupt weight. In order to prove our result, we modify the underlying space so that it becomes 1-Ahlfors regular.