

We consider Banach spaces $Lip(K)$ of scalar-valued Lipschitz functions on compact metric spaces K . The little Lipschitz space $lip(K)$ contains all Lipschitz functions satisfying an additional local flatness condition. For $K \subset \mathbb{R}^n$, equipped with the Euclidean Hölder metric, there exists an isomorphism $T : Lip(K) \rightarrow \ell^\infty$ which carries $lip(K)$ onto c_0 . Moreover $Lip(K)$ and $lip(K)''$ are isometrically isomorphic for an even larger class of metric spaces. These well known results motivate further study of $Lip(K)$ and $lip(K)$ with respect to their M -structure. For the case $K = ([0, 1], |\cdot|^\alpha)$, $0 < \alpha < 1$, we present a subspace of $Lip(K)$ containing ℓ^∞ , in which $lip(K)$ is a proper M -ideal.