

Generalization of Lipschitz Spaces

Eddy Kwessi

In this note we propose a generalization of the Lipschitz spaces Lip^1 on the interval $[0, 2\pi]$ for general measures on subsets of $[0, 2\pi]$. As a byproduct, we obtain Hölder's type and duality types inequality between the Lipschitz spaces Lip^1 and the special atoms spaces $B(\mu, 1)$, spaces first introduced by De Souza in his PhD thesis.