

1154-47-207

B T Kidane* (berhanu.kidane@ung.edu), 132 Wood Lake Drive, Apt 605, Athens, GA 30606. *A Boundary Norm for Weighted Dirichlet Spaces.*

The estimates for the bounds of the weighted Dirichlet Corona Theorem norm is computed using a norm (a boundary norm) on the corresponding weighted harmonic Dirichlet space, which is defined on the boundary of the unit circle. In this paper, we establish the equivalence between the norms of the weighted Dirichlet space and the corresponding harmonic weighted Dirichlet spaces. (Received August 23, 2019)