

1108-32-70

Samangi Munasinghe* (samangi.munasinghe@wku.edu) and **Yunus E. Zeytuncu**. *On L^p -regularity of the Szegő projections.*

In this talk we will discuss the L^p -regularity of weighted Szegő projection operators in several complex variables. In particular, we will present a family of weights on the unit disc in \mathbb{C} whose corresponding weighted Szegő projection operators are irregular on L^p spaces. This is joint work with Yunus E. Zeytuncu. (Received December 22, 2014)