

DREXEL ANALYSIS SEMINAR

June 3, 2019

2-3 PM, Korman 245

Speaker: Hugo Woerdeman (Drexel)

Title: Fourier coefficients of spectral density functions

Abstract: In this joint work with Jeffrey Geronimo and Chung Wong we study the asymptotics of the Fourier coefficients of $1/|p|^2$, where p is a two-variable polynomial without roots in the closed bidisk. We will see that hypergeometric functions show up in the analysis for a special choice of the polynomial p .