

1097-30-287

**Mishko Mitkovski\*** (mmitkov@clemsn.edu). *Basis properties of complex exponentials.*

Questions about various types of basis properties of the sequence of complex exponentials have a very long history, with origins in the work of Paley, Wiener, and Levinson. In this talk I will present a characterization of all of the fundamental basis properties of this sequence in terms of the invertibility properties of naturally associated Toeplitz operators. In addition, I will present a unified approach toward the density characterization of all of these basis properties. (Received January 24, 2014)