

Title: Nevanlinna Pick Interpolation on Certain Subalgebras of Bounded Analytic Functions

Abstract: In this talk, we will discuss certain subalgebras of bounded analytic functions, namely,

$$H_K^\infty(D) = \{f \in H^\infty(D) : f^{(k)}(0) = 0, \text{ for all } k \in K\},$$

where $K \subset \mathbb{Z}_+$. We also prove the Nevanlinna-Pick Interpolation Theorem on $H_K^\infty(D)$.