

DREXEL ANALYSIS SEMINAR

October 21, 2022

2-3 PM, Korman 245

Speaker: Hugo Woerdeman (Drexel)

Title: On the Gau-Wang-Wu conjecture

Abstract: In [Gau, Hwa-Long; Wang, Kuo-Zhong; Wu, Pei Yuan, “Circular numerical ranges of partial isometries,” *Linear Multilinear Algebra* 64 (2016), no. 1, 14–35], the authors conjecture that if a partial isometry on a finite dimensional space has a disk as its numerical range, then its center must be 0. I will share my current thoughts on the conjecture.