Auburn Montgomery

Department of Mathematics & Computer Science

Colloquium/$\mathcal{MAMS}$

Time: Friday, October 02, 2015, 2:00pm–3:00pm

Place: Auburn Montgomery, Goodwyn Hall, Room 202

Speaker: Professor Qiyu Sun, University of Central Florida

Title: Wiener's Lemma for matrices and its applications to sampling

Abstract: The classical Wiener's lemma states that a periodic function with an absolutely convergent Fourier series, which nowhere vanishes on the real line, has Fourier series of its reciprocal being absolutely convergent. In this talk, I will discuss Wiener's lemma to noncommutative matrices, recent advances on localization preserved operations, and their applications to sampling theory.

There is also a Math Club and Engineering Club social gathering starting at 1:30pm.
****Refreshments will be served at 1:30pm****