



Differential Equations and Applied Math Seminar

Dr. Jake Fillman, Texas State University

12-1pm October 7th, 2022

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Title: Random Schrödinger Operators

Abstract: A random Schrödinger operator is a linear operator that models the interaction between an electron and a disordered environment. We will review some aspects of the general theory of these operators. The emphasis will be on tools needed to understand the spectral type and quantum dynamical behavior. This talk is intended to be accessible to students and newcomers.

Interested faculty, graduate and undergraduate students are encouraged to attend.