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Differential Equations and Applied Math Seminar

Dr. Jake Fillman, Texas State.

11am-12pm April 24th, 2020

Zoom

Title: An Invitation to Schrödinger Operators

Abstract: I plan to introduce Schrödinger operators together with relevant background. These objects enjoy a plethora of connections to other areas of mathematics, such as harmonic analysis, orthogonal polynomials, topology, group theory, combinatorics of words over finite alphabets, dynamical systems, and more! As such, the talk will focus more on discussing broad themes, connections, and relationships, rather than specific technical results.

Interested faculty and graduate students are encouraged to attend.