

# *Talk Math 2 Me*

(A mathematics seminar for students and by students)

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Master's Student,

**Robert Colton Krohn** will speak on:

## **Spectral Theory of Ergodic Jacobi Operators**

Friday October 6, 2023

DERR 240

12:00pm-1:30pm

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### **Abstract**

This talk will be about the fascinating world of spectral theory, with a specific focus on Jacobi operators. Jacobi operators are pivotal in the study of quantum mechanics and mathematical analysis, particularly Schrödinger's equation. We will uncover the elegant interplay between linear algebra and the functional analysis of Jacobi operators, shedding light on their crucial role in understanding quantum systems and various other mathematical applications

For details about Talk Math 2 Me, email Ellen Couvillion ([ebr21@txstate.edu](mailto:ebr21@txstate.edu)) or visit:

