

# *Talk Math 2 Me*

**(A mathematics seminar for students and by students)**

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Undergraduate Computer Science Major,

**Marco Tagliani** will speak on:

## **Proofs from “THE BOOK”: Mathematical Beauty**

Friday February 10, 2023

DERR 240

12:00pm-1:30pm

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### **Abstract**

The late Paul Erdős, one of the most prolific mathematicians ever, envisioned mathematics as a social activity. He is beloved by many for this perspective; a consideration of math as an expression of divine beauty, eagerly waiting to be shared. In Erdős' world, the outmost authority on the subject was “THE BOOK”: a compilation-style book where God keeps the most elegant proof of every theorem. In this talk, we will take a tour through some proofs – across many branches of math – which are very likely to have come from THE BOOK. The goal will be to share a (very secular) moment to explore how mathematics can be an instance of mesmerizing beauty.

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

