Math (Enthusiast) Series

Dec 1 Joy 113 @ 3:10 & 3:40





Everyone interested in mathematics is welcome to attend TMath 350's presentations (almost) every Tuesday of Autumn quarter (and some Thursdays!)

12/1/16 3:10-3:30 "The Beauty of Fibonacci"3:40-4:00 "Introduction to Modular Arithmetic"

The Beauty of Fibonacci

As mathematics students, we recognize that many aspects of mathematics are beautiful; Fibonacci numbers are no exceptions. We will overview the history of Fibbonacci and its existence in nature. We will also discuss some unique properties of Fibonacci numbers such as their correlations with squares and the "golden ratio".

Introduction to Modular Arithmetic

What do analog clocks and digital encryption have in common? In this presentation we will introduce modular arithmetic, a field of number theory that you likely already use every day. We will introduce the properties of MA and show how they are applied to cryptography. Detecting live bombs with quantum

physics and math!

Math (Enthusiast) Series

Joy 113 @ 3:05 unless otherwise indicated





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- 10/4/16 Dr. Ryan Card (UWT, probabalist)
- 10/11/16 Dr. Julia Aguirre (UWT, math education)
- 10/18/16 Dr. Julie Eaton (UWT, analyst)
- 10/25/16 Dr. Erik Tou (UWT, math historian & number theorist)
- 11/1/16 Calvin Yee (Mattson Middle School, teacher) at **4:05pm**
- 11/8/16 Kirsten Grace (Microsoft, software engineer & UWT alumn)

11/15/16 Career Panel (Actuary, Educators, Industry) at 4:05pm

11/29/16 Student Presentations
12/1/16 Student Presentations
12/6/16 Student Presentations
12/8/16 Student Presentations
12/15/16 Student Presentations



Detecting live bombs with quantum