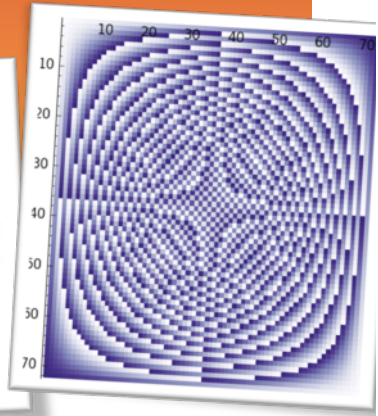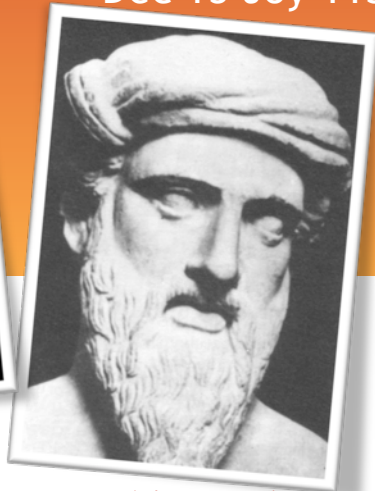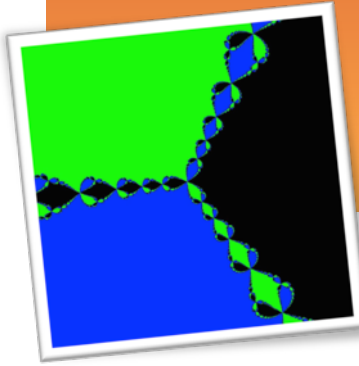# Math (Enthusiast) Series

Dec 15 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!)

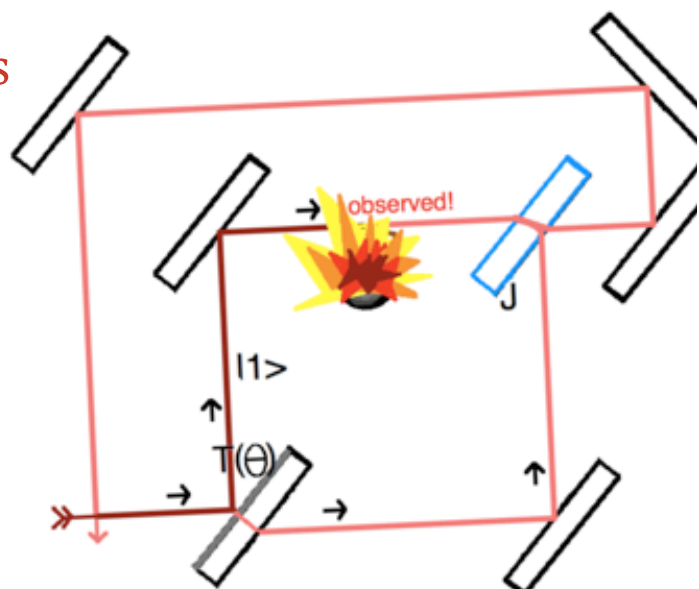12/15/16 | 3:10-3:30 "The Math Behind the drug: Caffeine"

3:40-4:00 "Introduction to Ethnomathematics"

The Math Behind the drug: Caffeine

We will look at the mathematics behind caffeine by studying the rate of absorption and elimination by a model of differential equations. This model will show us how fast we absorb and eliminate this drug from our body, and how much caffeine is left after any given time.
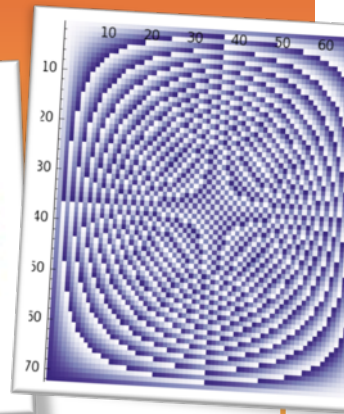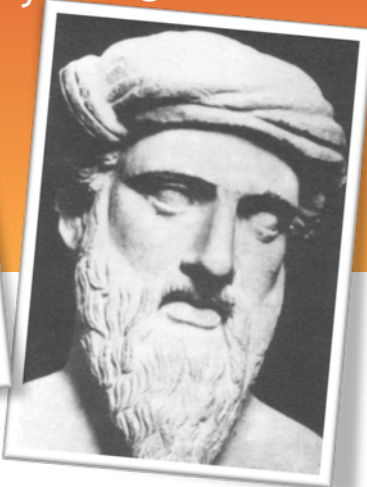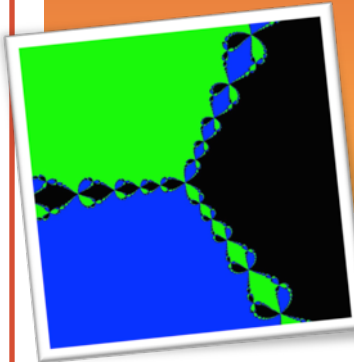
Introduction to Ethnomathematics

This presentation provides an introduction to Ethnomathematics, the study of the interaction between math and culture. The discussion of numeration systems includes systems with different bases as well as the modular arithmetic commonly used in computer science.

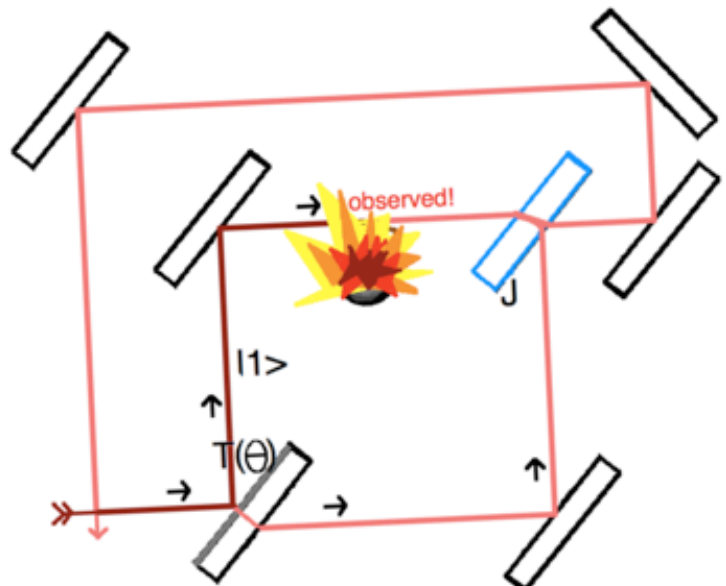*Detecting live bombs with quantum physics and math!*

Math (Enthusiast) Series

Joy 113 @ 3:05 unless otherwise indicated

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

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 physics and math!