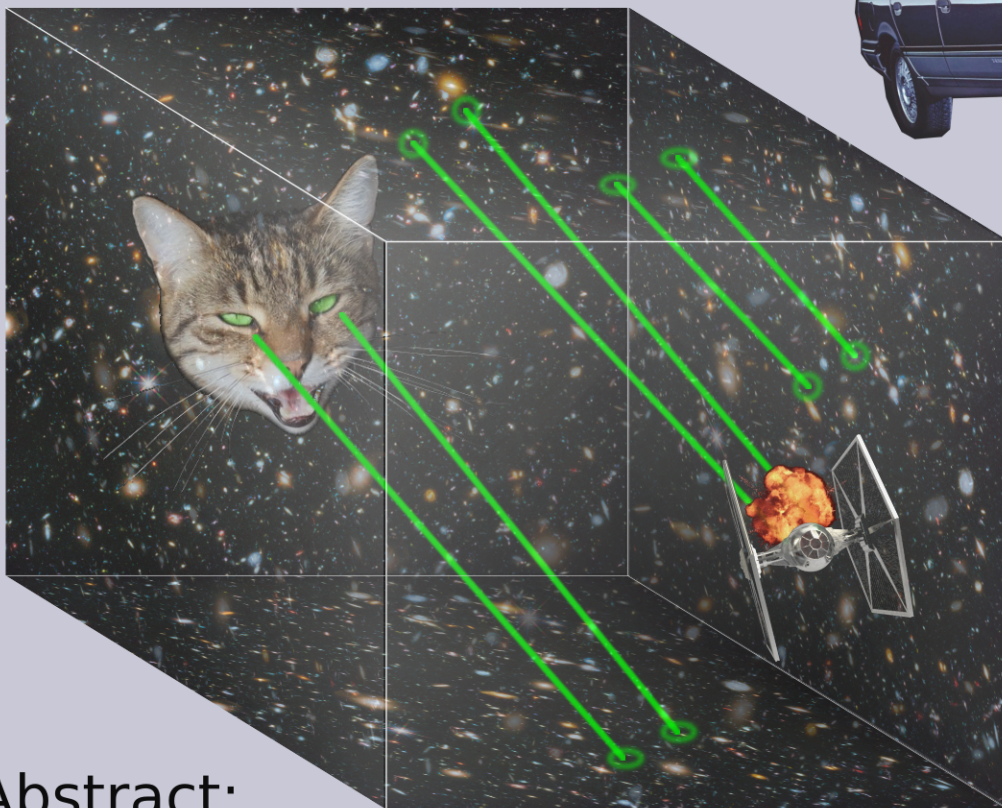
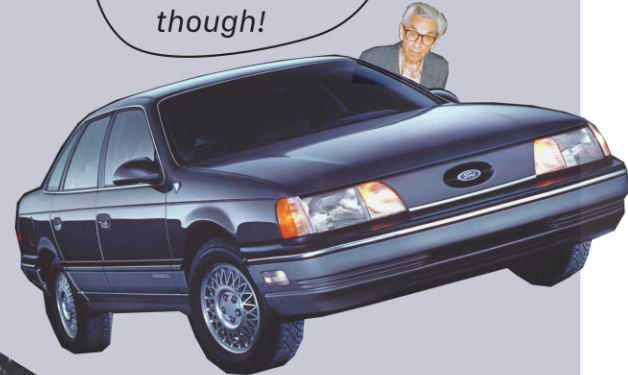


Temple Math Club presents:

# What is it like to live in a 3-dimensional torus?

Not so bad...  
only room for 4 other  
mathematicians,  
though!



This talk will feature:

- Laser cats
- Virtual reality
- The observable universe
- Free Pizza!
- No assumptions about your mathematical background

## Abstract:

As we are hurled through the terrifying emptiness of space, it is natural to ask: what is the shape of the universe? Is it flat, and if so is it finite or infinite? Or is it round, closing up on itself like a sphere? Or maybe some other shape altogether? Temple grad student Will Worden will discuss first the possible shapes of planets, which is a question about 2-dimensional objects, then move on to thinking about possible shapes for the universe, which is 3-dimensional. The focus will be on trying to think about what it would be like to live in different shaped universes.

The member who attends the most meetings gets a **prize** at the end of the year!

Friday November 10,  
Wachman 617,  
4:00 -- 5:00 pm

