## Zoom for Thought

Adu Vengal, Graduate Student

UC San Diego

## Sp00ky Groups and the General Burnside Problem

## Abstract:

Consider the following statement: If G is a finitely generated group, and all elements of G have finite order, then G is a finite group. Is it true? Nope. We'll construct a counterexample (the Grigorchuk group), and then talk a little about the properties and representations of any such counterexample.

## Tuesday, February 16, 2021 2:00 PM Please see email with subject "Zoom for Thought Information."