

MATHEMATICS TEACHING SEMINAR

Guest Speaker: Atticus Stonestorm

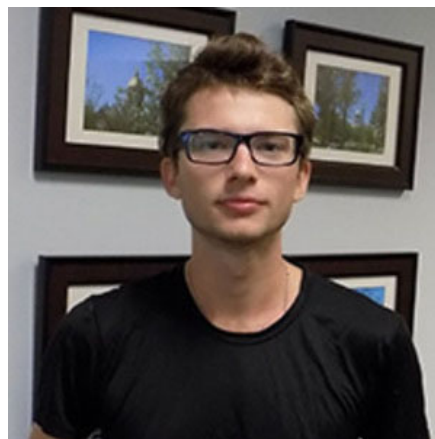
University of Notre Dame

Date: Tuesday, February 13, 2024

Time: 5:00 PM

Location: 125 Hayes-Healy Bldg

Zoom URL: NA



Lecture Title:

Mock Lecture: Derivatives

Abstract

The derivative of a function captures its "instantaneous" rate of change; as a motivating example, if $f(t)$ gives the position of a particle moving on a line at a given time, then the derivative of $f(t)$ gives the velocity of the particle. I will introduce the limit definition of the derivative, emphasizing the geometric intuition, and then compute some examples.