

MATHEMATICS TEACHING SEMINAR

Guest Speaker: Jaziel Torres

University of Notre Dame

Date: Tuesday, April 23, 2024

Time: 5:00 PM

Location: 125 Hayes-Healy Bldg

Zoom URL: NA



UNIVERSITY OF
NOTRE DAME
College of Science
Mathematics

Lecture Title:

Volumes

Abstract

This lecture will be about computing volumes via integration. We will discuss volumes of objects with similar cross-sections by generalizing the idea behind Riemann sums for area between curves, but now for the case of 3 dimensions. Then, we will introduce solids of revolution and compute their volume via the methods of disks.