

# ***MATHEMATICS TEACHING SEMINAR***

**Guest Speaker: Samuel Heard**

**University of Notre Dame**

**Date:** Tuesday, April 9, 2024

**Time:** 5:00 PM

**Location:** 125 Hayes-Healy Bldg

**Zoom URL:** NA



**UNIVERSITY OF  
NOTRE DAME**  
College of Science  
Mathematics

***Lecture Title:***

**Integration by Parts**

***Abstract***

In this lecture, we will learn about integration by parts, a fundamental technique for solving difficult integrals. We will first introduce it as a rule for integration corresponding to the product rule. Then we will apply integration by parts to solve several definite and indefinite integrals.