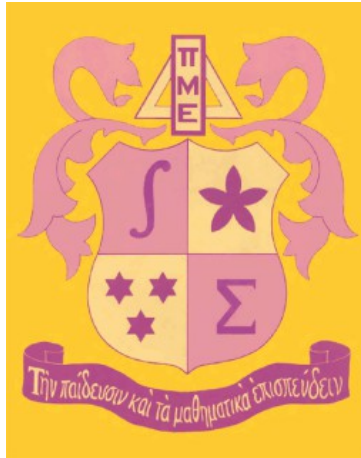


Pi Mu Epsilon

The mathematics honors society for university students



**Thursday, October 4th, 2018
12:15-12:50 PM in Hume 201**

Dr. Sandra Spiroff

Automating the Hilbert-Kunz Multiplicity and F-Signature

We will discuss an automation of a calculation in Algebra arising from current research. The computation, which finds the volume of certain polytopes, is tedious and time-consuming to do by hand, but perfectly suited for computer programming. We begin by presenting the background of the automation and then see it in action. This work is part of a joint research project with Gabriel Johnson, who earned a BS in Computer Science through the Barksdale Honors College in 2018.

See you Thursday!