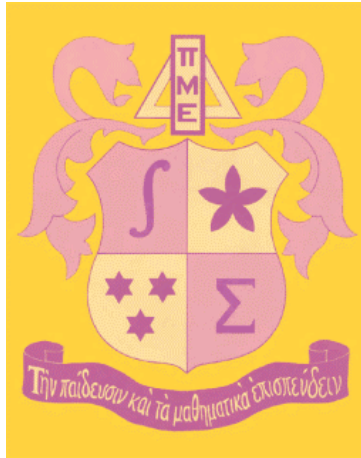


Pi Mu Epsilon



**Thursday, November 15th
12:15-12:50 PM in Hume 101**

Inversion in Planar Geometry

by Dr. Erwin Miña-Diaz

Inversion, or reflection about circles, is a transformation that generalizes the idea of reflection (mirror image) about a line. Inversion has several beautiful properties. For instance, lines and circles are transformed into lines and circles as well, and angles between curves are preserved under inversion. In this talk, we shall introduce this concept, discuss some of its most basic properties, and apply it to solve some problems in planar geometry.

We will provide pizza and drinks. For those interested in membership, please bring \$10 for semester dues.

Hope to see you on Thursday!