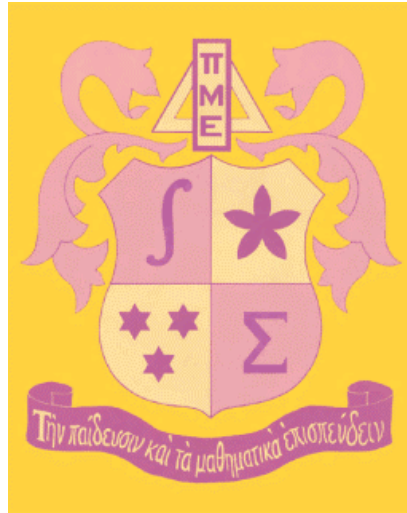# Pi Mu Epsilon

Thursday, November 17th
12:15 PM in Hume 203

"Infinitesimals, Differentials, and Derivatives in Normed Vector Spaces"

John Dever

Abstract: By establishing properties of a certain class of functions, the infinitesimals, between normed vector spaces, the concepts of the differential and derivative are easily generalized to normed vector spaces. The relationship between differentials and directional derivatives will be discussed and properties such as the chain rule will be established.

We will provide pizza and drinks as usual. Also, please bring $10 for dues for local dues for the semester if you have not already done so!

Hope to see you on Thursday!