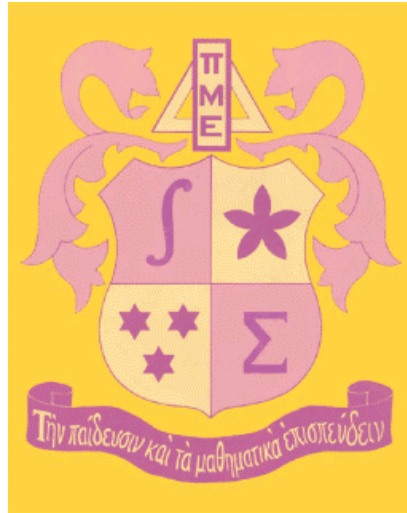# Pi Mu Epsilon

1st Spring Meeting
Thursday, February 21st
12:15-12:50 PM in Hume 101

Octonions-or how many square roots of -1 are there?

by Przemo Kranz.

Abstract: As complex numbers are constructed out of real numbers, so quaternions are constructed out of complex numbers. Quaternions, in turn, are the building blocks of a still more "complex" set of objects- octonions. Octonions form an eight dimensional normed division algebra, a basis of which contains seven elements whose squares are all -1.

A one-time payment of $10 covers your pizza lunch, including drink, for all four meetings this semester!

Hope to see you on Thursday!