

Department of Mathematics
University of Oklahoma

Analysis and Convexity Seminar
Monday, March 31, 2008
3:30 PM in PHSC 1105

Title: *An Introduction to Wavelets via Image Compression*
Speaker: *Colm Mulcahy, Spelman College*

Abstract:

We will introduce wavelets by presenting a linear algebra approach to the simplest example, Haar wavelets, motivated by a real world application to data/image compression.

Then we move on to a more abstract framework for wavelets, called multiresolution analysis, which facilitates the discussion of important recent generalizations of Haar wavelets.