

# MATHEMATICS SEMINAR

Sponsored by the Department of Mathematics



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## Wavelet Analysis in Two Dimensions

In this talk, a short introduction to one dimensional wavelet approximations, and differences between wavelet and Fourier analysis will be discussed.

Using a few illustrations in the one dimensional case, we will gain an insight into one dimensional wavelet analysis. Later, using a natural extension, I will extend the analysis to two dimensions. We will then see a two dimensional application of wavelets in action.

**Friday, April 10, 2:30-3:30 pm**  
**Merwin Hall 110**

Light Refreshments will be provided