



Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm February 16th, 2018

326 Derrick Hall

Title: Segmentation problems, part 3

Abstract: We continue with the mathematical background needed to treat fracture models and image reconstruction models in the framework of minimizing an energy functional. We continue with the connections between lower semi-continuity and sub additivity. We will introduce the concept of relaxation by sub-additive envelopes. We will both characterize these envelopes, as well as consider a few examples.

We are mostly following the book by Andrea Braides.

Interested faculty and graduate students are encouraged to attend.