



Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm March 22nd, 2018

326 Derrick Hall

Title: Segmentation problems, part 5

Abstract: We continue with the mathematical background needed to treat fracture models and image reconstruction models in the framework of minimizing an energy functional. Specifically, we will continue with the concept of relaxation by sub-additive envelopes. We will prove a theorem on the relaxation of segmentation energies, and then we will prove a theorem on the Γ -convergence of segmentation problems.

We are mostly following the book by Andrea Braides.

Interested faculty and graduate students are encouraged to attend.