Texas State University

The rising STAR of Texas

Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm October 20th, 2017

333 Derrick Hall

Title: Γ-convergence topics VI

Abstract: We finish our study of integral problems on Lebesgue spaces. We will show that a sequence of such (F_j) Γ-converges to some F in a sense if and only if (f_j^{**}) Γ-converges to some f. If any time remains, we will begin our discussion of the application of this material to the gradient theory of phase transitions.
We are mostly following the book by Andrea Braides.

Interested faculty and graduate students are encouraged to attend.