



Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm March 31st, 2017

330 Derrick Hall

Title: An introduction to Γ -convergence, part IV

Abstract: We will continue our introduction of Γ -convergence. This can be a useful tool when the function space you would like to work with does not have a rich structure, but you can approximate that space by a more structured function space. The notion of Γ -convergence gives some ability to measure how minimizers of a functional in the more structured space converge to minimizers of a related functional in the less structured space. We will discuss coerciveness condition and other properties related to lower semi-continuity. We will be mostly following the book by Andrea Braides.

Interested faculty and graduate students are encouraged to attend.