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Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm March 24th, 2017

330 Derrick Hall

Title: An introduction to Γ-convergence, part III

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 introduce definitions and work with some preliminary results, say as applies to the convergence of minima. We will be mostly following the book by Andrea Braides.

Interested faculty and graduate students are encouraged to attend.