

Differential Equations and Applied Math Seminar

Texas State University

2-3pm February 6, 2015

329 Derrick Hall

Speaker: Dr. Ray Treinen, Texas State University

Title: On the Aleksandrov moving plane

Abstract: We present the Alexandrov Moving Plane as a method of showing that an object satisfying certain criteria involving elliptic partial differential equations has a symmetry property. Both historical and quite modern usage are given. The details of both the underlying Maximum Principle and related results will be given.

Interested faculty and graduate students are encouraged to attend.