Department of Mathematics and Statistics Colloquium

A Visual Demonstration of Linear Versus Nonlinear

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Abstract: Lines are taught to students fairly early in their academic careers. We will start with a line and its graph and work our way up to the difference between a line and a parabola up through the differences in differential equations between these two objects. The differences will be started through analysis and geometry and ending with some exciting graphs and animations. Theses graphs and animations will lead to interesting research questions.

Monday, February 19 at 3:50 in Roop 103

Refreshments at 3:30