TEXAS ★ STATE
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Differential Equations and Applied Math Seminar

René Cabrera, University of Massachusetts

11am-12pm April 23rd, 2021

Zoom

Title: Path-dependent Optimal Transport

Abstract: In this talk I will talk about the Monge-Kantorovich optimal transportation problem. This problem involves optimally mapping one mass distribution onto another, where optimality is measured against a given cost function $c(x, y)$. I will review some important results, such as Brenier's theorem, and then discuss work in progress on a new transportation problem involving path-dependence and interaction effects.

Interested faculty and graduate students are encouraged to attend.