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Differential Equations and Applied Math Seminar

Dr. Jun Kitagawa, Michigan State University

3-4pm May 3rd, 2022

330 DH and Zoom

Title: A quantitative stability result for semi-discrete optimal transport

Abstract: I will discuss a stability result for optimal transport with a discrete target measure, with quantitative bounds under perturbation of the masses of the target measure. Our results consist of two types of stability on relevant geometric structures, one measuring the change in a measure sense, while the second in Hausdorff distance. This talk consists of joint work with Mohit Bansil (UCLA).

Interested faculty, graduate and undergraduate students are encouraged to attend.