Optimal Transport on Graphs with Some Applications

11:30 Friday Feb 19
https://njit.webex.com/njit/j.php?MTID=mc45209bd392f877f5b22fc39b784a8a1

Abstract: Optimal transport theory in continuous space has been extensively studied in the past few decades. In this talk, I will present the optimal transport theory on discrete spaces. Various recent developments related to free energy, Fokker-Planck equations, as well as Wasserstein distance on graphs will be presented. some of them are surprising in the discrete case. Applications in robotics as well as Schrodinger equation on graphs will be discussed briefly.

Speaker

Haomin Zhou

Professor
Mathematics
GA Tech