



PIMS / AMI Seminar



Friday, November 25, 2011
3:00 p.m.
CAB 657

“An overview of optimal transport and applications”

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Abstract

Optimal transport is the problem of transporting one distribution of mass to another as efficiently as possible, where efficiency is measured relative to a prescribed cost function. Originally posed by Gaspard Monge in 1781, this natural problem has evolved into a thriving research area, with deep connections to nonlinear PDEs, geometry and probability, and numerous applications in fields such as economics, fluid mechanics, image processing and meteorology, to name just a few. In this talk, I will give a general overview of basic optimal transport theory and outline some applications.

Refreshments will be served in CAB 649 at 2:30 p.m.