

Outline of Lecture 6: Nonlinear Tomography



- I. Introduction to Nonlinear Tomography
 - A. Local versus global minima
 - B. Some numerical methods
 - C. High contrast methods
 - D. Feasibility constraints
- II. Physics-Based Variational Methods
 - A. Traveltime tomography
 - B. Electrical impedance/resistance tomography
 - C. String vibrations: *A nonconvex example*
 - D. Overview