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