Nonlinear Tomography: Feasibility Constraints

- Primary types of imaging considered
  - Seismic crosswell tomography
    using Fermat's principle
  - Electrical impedance/resistance tomography
    using Dirichlet's and Thomsen's principles
  - Analysis of vibration data to deduce internal
    structure of the earth, the sun, bridges, etc.
    using the Rayleigh-Ritz variational principle