

Research topics (June 2013)

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1. Interpolation of the single-frequency approximation of the coupling-ray-theory S-wave Green tensor within ray cells in anisotropic media.
2. Common-source Kirchhoff prestack depth migration with coupling-ray-theory **S waves**.
3. First-order perturbation of polarization vectors in the coupling ray theory.
4. Wavefield sensitivity to structural Gabor functions (sensitivity beams and packets). Linearized inversion based on Gaussian sensitivity packets.