

References:

- Cohen, J. K. and Bleistein, N.: An inverse method for determining small variations in propagation speed, *SIAM J. Appl. Math.* 32, 1977, pp. 784-799.
- Rakesh: A linearized inverse problem for the wave equation, *Comm. PDE* 13, 1988, pp. 573-601.
- Beylkin, G.: Imaging of discontinuities in the inverse scattering problem by inversion of a causal generalized Radon transform, *J. Math. Phys* 26, 1985, pp. 99-108.
- Ten Kroode, A. P. E., Smit, D. J., and Verdel, A. R.: A microlocal analysis of migration *Wave Motion* 28, 1998, pp. 149-172.

Grau, G. and Versteeg, R.: *The Marmousi Experience: Practical Aspects of Inversion*, IFP-Technip, Paris, 1991.

Lions, J. L.: *Nonhomogeneous Boundary Value Problems and Applications*, Springer Verlag, Berlin, 1972.

Operto, S., Xu, S. and Lambaré, G.: Can we image quantitatively complex models with rays?, *Geophysics* 65, 2001, pp. 1223-1238.

Nolan, C. J. and Symes, W. W.: Global solution of a linearized inverse problem for the wave equation, *Comm. PDE* 22, 1997, pp. 919-952.

Stolk, C.: Microlocal analysis of a seismic linearized inverse problem, *Wave Motion* 32, 2000, pp. 267-290.

Stolk, C. and deHoop, M.: Seismic inverse scattering in the wave equation approach, MSRI preprint, 2001.

Hagedoorn, F.: A process of seismic reflection interpretation, *Geophysical Prospecting*, 1954, pp. 85-127.

Duistermaat, J.: *Fourier Integral Operators*, Birkhauser, NY, 1996.

Taylor, M.: *Pseudodifferential Operators*, Princeton University Press, 1981.

Hörmander, L.: *The Analysis of Linear Partial Differential Operators*, vols. I-IV, Springer Verlag, 1983.

Nirenberg, L.: *Lectures on Partial Differential Equations*, CMBS Lecture Notes, AMS, 1972.

Treves, F.: *Introduction To Pseudodifferential Operators And Fourier Integral Operators*, Plenum, 1980.

Claerbout, J.: *Basic Earth Imaging* (“BEI”) and *Imaging the Earth’s Interior* (“IEI”), available through SEP web site, sepwww.stanford.edu

Miller, D., Oristaglio,, M. and Beylkin, G.: A new slant on seismic imaging, *Geophysics* 52, pp. 943-964, 1987.

Bleistein, N., Cohen, J. and Stockwell, J.: *The Mathematics of Seismic Imaging, Migration, and Inversion*, Springer, 2000.

Dobrin, M. and Savit, C.: *Introduction to Geophysical Prospecting*

Yilmaz, O.: *Seismic Data Processing*, 2nd edition, SEG, 1999.

Symes, W.: *Mathematics of Reflection Seismology*, Lecture Notes, www.trip.caam.rice.edu, 1995.

Symes, W.: 2000 MGSS Notes, www.trip.caam.rice.edu.