This monograph provides an up-to-date overview on methods and techniques in seismology, with a focus on describing and detecting seismic waves in anisotropic media. The author discusses structural, physical and mechanical aspects of the crust by analyzing earthquake data from field studies, rendering the book a practical reference for researchers in seismology and applied geophysics.

- Discusses models and simulations of seismic wave propagation.
- Focuses on seismic anisotropy, shear-wave splitting, fracture mechanics, earthquake probability and assessment.
- Combines theoretical studies with real datasets.

www.degruyter.com
ISBN 978-3-11-044070-6