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Principles of Seismology: by Agustin Udías. Cambridge University Press, Cambridge, UK, 1999. 489 pp. £25.95, ISBN 0-521-62478-9 (paperback)

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The general principle of seismic reflection is to send elastic waves (using an energy source such as dynamite explosion or Vibroseis) into the Earth, where each layer within the Earth reflects a portion of the wave's energy back and allows the rest to refract through.

Reflection seismology - Wikipedia

Principles of Seismology is targeted for upper-level undergraduate and beginning graduate students in seismology. It is quite good as an intermediate-level theoretical seismology text, and it may also serve as a general reference book for seismologists.

Principles of Seismology - NASA/ADS

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