High Resolution Global Wave Propagation through the whole Earth: the axi–symmetric PSV and SH case.

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Introduction

Acknowledging the fact that models of today which were computationally feasible for some higher frequencies were very low in detail, this model should allow real-time test of the whole Earth's interior on the basis of the available data. The model can be used to calculate the travel time across the whole Earth, including the core. The model is based on the 1D theory of wave propagation in an elastic medium.

Technical Aspects

SH Case

PSV Case

Application: Modelling D" with topography

The model has been used to calculate the travel times for the whole Earth, including the core. The model can be used to calculate the travel time across the whole Earth, including the core. The model is based on the 1D theory of wave propagation in an elastic medium.

A Tool for you?

The program is capable of handling the whole Earth's interior on the basis of the available data. The model can be used to calculate the travel time across the whole Earth, including the core. The model is based on the 1D theory of wave propagation in an elastic medium.