

”AnisoTime” Travel time computation software for transversely isotropic media.

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Software for computing body-wave travel times is necessary in work on many seismological research problems. The TauP toolkit (Crotwell et al., 1999) is widely used for isotropic laterally homogeneous media. The basic theory for travel times in transversely isotropic (TI) media was presented by Vlaar (1968), 1969; Woodhouse, 1981), but, to our knowledge, free software for making travel time calculations for the TI laterally homogeneous case has not heretofore been available. We have developed such a package, which we call ”AnisoTime.” The beta-test version is available at <http://www-solid.eps.s.u-tokyo.ac.jp/~dsm/>.

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