Some scheme achieved by using tetrahedration for parameterization in traveltime tomography

Makoto Hoshino[1]

[1] I.S.V., Hokkaido Univ

In the scheme of traveltime tomography,derivation of local resolusion following ray geometry and global minima of ray-path as first arrival increase accuracy and efficiency. We develop the method make these proceed automaticaly by using tetrahedron for representaion of sturucture.

Then we develop raytracing method leverage the properties of tetrahedration.