

Iterative inversion of source time function and Q value, 2

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Seismic waveform is influenced by to reach the station by attenuation in the underground structure. It is necessary to consider the influence of this attenuation neatly to discuss a detailed destruction process of the source. I tried this research of obtaining the source time function and Q value at the same time. Consequently, it has been understood that the source time function changes depending on Q value. Moreover, this study discussed with magnitude dependency in the rising slope of the source time function of five middle scale earthquakes in this analysis.