A proposal for Gridsearch method used in JMA EEW

Kazuo Ohtake\textsuperscript{1*}

\textsuperscript{1}Meteorological Research Institute

The Gridsearch method used in JMA Earthquake Early Warning, is a method being used when data from 3 to 5 stations are available. Though, when station arrangement is not good, hypocenter determined by the method is rather unstable.

In this presentation, we will introduce a new weighting technique to the Gridsearch method to stabilize hypocenter determination.

Keywords: Earthquake Early Warning, Gridsearch method