

## Teaching Processes Aimed to Get the Virtual Feelings of the Seismic Ground Motions, for High School Students

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As the education materials of earth science, disaster prevention and information study, I pay attention to the seismic waveform data which is released on Internet sites, example of K-NET(The National Research Institute for Earth Science and Disaster Prevention). Such data have the advantage that students may watch the waveforms near the place they feel any shock immediately an earthquake occurs.

In this paper, I propose the computer-assisted teaching programs which are aimed to get the virtual feelings. One of them is the watching of the animated ground motions on a computer display, which is comparable with the waveforms. Their educational effects will be discussed through the precision of data analysis by which high school students manage to draw the Time Travel Charts.