

## Study of Shape of Mountain (Normal Distribution)of Fourier Spectrum of Earthquake Motion

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### Abstract

1. Fourier Spectrum of Earthquake Motion near the Hypocenter forms nearly Normal Distribution.
2. I compared this Normal Distribution of Fourier Spectrum to a Solitary Wave. (Science of Form)
3. Soliton is recognized in GPS wave gage of 2011.the Tohoku District Pacific Ocean Earthquake Motion.
4. In the near future I think that Fourier Spectrum of Earthquake Motion will handle same as Solitary Wave and Soliton.

Keywords: Earthquake Motion, Fourier Spectrum, Normal Distribution, Science of Form, Solitary Wave, Solton

