

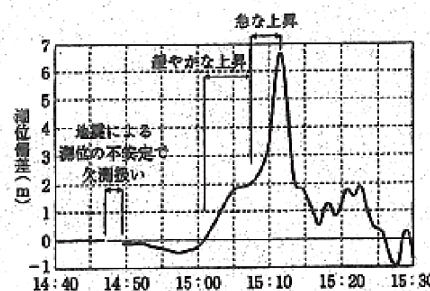
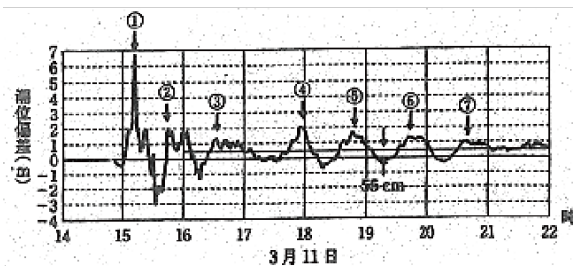
The Wave Features Theory and Soliton

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1. The eye of Writers under the title “ The Great Kanto Earthquake (of 1923) ” correctly spotted, the demolished style difference between the large and small structure.
2. Fourier Spectrum of Earthquake Motion near the observatory forms The Normal Distribution (Gaussian Distribution). And The further near the observatory. And The Sharp shape of Normal distribution mean densely the frequency.

Keywords: Wave Features Theory, Soliton, KDV Equation, Nonlinear waves



岩手県南部沖のGPS波波形の記録 (左) と最初の部分の拡大図 (右)
 国土交通省のデータをもとに作成

Kazuo OIKE
 『Massive earthquake in Japan archipelago』
 (Iwanami Library of Science 185, P10)
 ①: Soliton
 ②~⑦: Break down of Solitary wave Solitons
 Reference: Mikio HINO 『流体力学』
 (Asakura Publishing Co., Ltd. (1992))