

عنوان مقاله:

The Role of the Brune Spectrum in Earthquake Engineering

محل انتشار:

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خلاصه مقاله:

The concept of response spectrum was proposed by Biot in ۱۹۳۲ for analysis and design of earthquake-resistant structures. It remained in the academic sphere of research for almost ۴۰ years, finally gaining wide engineering acceptance during the early ۱۹۷۰'s. Success in recording large number of excellent accelerograms during the ۱۹۷۱ San Fernando earthquake, and publication of Brune [۱۸] paper marked the beginning of the modern era for the Response Spectrum Method (RSM). This paper outlines the ideas which helped develop the modern RSM and describes the role .Brune's Spectrum played in this process

کلمات کلیدی:

Earthquake Response Spectra, Brune Spectrum, Spectral Amplitudes at Long Periods

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