

عنوان مقاله:

ANALYSIS OF DAMAGE POTENTIAL OF EARTHQUAKE GROUND MOTIONS

محل انتشار:

اولین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1370)

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خلاصه مقاله:

This paper focuses on an engineering evaluation of the ground motions recorded during the October ۱۷, ۱۹۸۹ Loma Prieta earthquake in Northern California. Regression analysis is employed to evaluate the attenuation of ground motions parameters as well as of the elastic and inelastic strength demands imposed by rock and alluvium site ground motions on bilinear SDOF systems. Strength capacities of modern code designed structures are compared to the .strength demands in order to assess the damage potential of the Loma Prieta earthquake ground motions

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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