

## عنوان مقاله:

EFFECT OF WELL- KNOWN CHARACTERISTICS OF NEAR FAULT GROUND MOTION ON SEISMIC RESPONSE  
OF BRIDGES

## محل انتشار:

دومین کنفرانس بین المللی پیشرفتهای اخیر در مهندسی راه آهن (سال: 1388)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

Ground motion records from recent earthquakes have shown that near-fault records are different from far-fault ground motions. Failures of modern engineering bridges, observed within the near-fault region in recent earthquakes, such as 1999 chi-chi, revealed the vulnerability of existing bridges against pulse-type ground motions. Although current seismic design criteria consider this damaging effects by amplifying the design spectra, this methods do not adequately represent consequence of well-known characteristics of near-fault ground motion on seismic response of bridges.

## کلمات کلیدی:

simple pulse; near-fault; forward directivity; filing step; bridge; ground motions

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/91961>

