

عنوان مقاله:

VERIFING OF SIMPLIFIED METHODS FOR SEISMIC ASSESMENT OF STEEL MOMENT FRAMES BY
NONLINAER STATIC AND DYNAMIC ANALYSIS

محل انتشار:

هفتمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1394)

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نویسندگان:

Mohsen TEHRANIZADEH - *Professor, Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran*

Maryam AMIRMOJAHEDI - *M.Sc., Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran*

خلاصه مقاله:

The major guidance documents for seismic assessment of existing buildings are ASCE 41-06 inUS, and NZSEE recommendations in New Zealand.All of these guidelines have provided simple criteria in terms of simplified rehabilitations on the assessment of existing buildings. The present study is focused on verifying the results of the simplified methods which is used by NZSEE and ASCE 41-06 in assessment of moment frames. For this, three different special moment steel frames are assessed under these two guidelines and the accuracy of the results are checked with the nonlinear static and dynamic analysis

کلمات کلیدی:

Pushover Analysis, Nonlinear Dynamic Analysis, Moment Frames, Braced Frames, Peak Ground Acceleration Failure
(PGAf

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