

## عنوان مقاله:

تاثیر میراگر TADAS در سازه های فولادی تحت زلزله حوزه دور و نزدیک گسل

## محل انتشار:

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## خلاصه مقاله:

The earthquake is one of the natural phenomena, this is due to the impossibility to predict the time of the occurrence and impossibility prevention of earthquakes and then followed many physical's and financial Damage and Iran with the particular structure of the quake there, active and Seism tectonics in granite is among the areas with high risk of earthquakes in the world. One of the tools to control the behavior of the structures is the use of the Dampers .Structural control means that the characteristics of the dynamic behavior of structures to be set up in a way that the structural response under the effect of external irritation about not allowed outside .TADAS Yielding plate damper for loses of energy from controlled the speed and relative displacement of frame structures using classes ,Be aware of the performance and impact of the damper efficiency, engineers use them to help reduce the damage caused by the earthquake. Structural models consist of a four-story structure model, one span and three spans, and a two-story, one- and three-span structures, which were completely non-linear in sap software. And then same structure check with TADAS Damper on far from and near fault. The results show that the presence of this type of damper, the structural responses including drift and shear in the far-off faults are ۲۰.۸۵ and ۲۱.۱۲ respectively, and in the near-fault state, decreases by ۲۳.۳۰ and ۲۶.۸۴%, respectively

## کلمات کلیدی:

زلزله حوزه نزدیک, زلزله حوزه دور, میراگر تسلیمی, TADAS, دررفت

## لینک ثابت مقاله در پایگاه سیویلیکا:

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