

## عنوان مقاله:

Investigation of seismic improvement methods of the building and the factors affecting it

## محل انتشار:

هفتمین کنفرانس بین المللی پژوهش در علوم و مهندسی و چهارمین کنگره بین المللی عمران، معماری و شهرسازی آسیا (سال: 1401)

تعداد صفحات اصل مقاله: 12

## نویسنده:

Seyyed Iman Hamdi - *Master of Civil Engineering, Structural Orientation, Islamic Azad University, Neishabour Branch, Neishabour, Iran*

## خلاصه مقاله:

There has been an enormous research in the field of seismic performance of structures. The improvement in the performance is still a challenging task for researchers and engineers. Many strategies have been considered in this regard to achieve desirable result. Base isolation is considered to be the most popular method of protecting structures against seismic actions. However, use of different dampers has also been a major revolution in improving the seismic action of buildings. This review article is intended to illustrate different techniques for improving the seismic performance of buildings and bridges. The study mainly emphasizes on the effect of different isolators and dampers in mitigating the damage of buildings and other civil infrastructures. Pertinent study in the review explores the possible application of the devices towards effective utilization in buildings, bridge piers and other structures.

## کلمات کلیدی:

.Base Isolators, Dampers, Seismic Performance, building

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1640945>

