

## عنوان مقاله:

Study of Buckling-restrained braces behavior against cyclic loads compared with conventional braces

## محل انتشار:

سومین کنفرانس بین المللی پژوهش های کاربردی در مهندسی سازه و مدیریت ساخت (سال: 1398)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

Buckling-restrained braces (BRBs) are able to dissipate a large amount of energy due to their ductile capacity compared with conventional braces. And also their symmetrical and excellent hysteretic behavior helps predicting of their behavior. In this paper a conventional moment resist-chevron brace dual system and a moment resist-BRB dual system is modeled and subjected to a cyclic load up to 6% drift angle ratio using ABAQUS. Energy dissipation and ductility factor of both systems had calculated and compared.

## کلمات کلیدی:

Buckling-restrained braces, energy dissipation, hysteretic behavior, ductility, ABAQUS

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/917294>

