عنوان مقاله:

STRENGTH AND BUCKLING BEHAVIOR OF AXIALLY LOADEDCASTELLATED CROSS STEEL COLUMNS

محل انتشار:

ششمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1390)

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خلاصه مقاله:

Perforated -web steel sections have been used as structural members since the second world war in an attempt to enhance the flexural behavior sithout increasing the cost of the material . Nowadays such sections are sidely used in varietly of geometries suitable for vaious loading conditions to improve the seismic performance of concrete composite structures especially when its focusd as steel reinforcement in concrete filled steel tubular SRCFTcolumns.

کلمات کلیدی:

finite element , nonlinear analysis, buckling , castellated cross steel columns, post buckling, strength