

عنوان مقاله:

theoretical and numerical study on nonlinear behavior of composite steel plate shear walls

محل انتشار:

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خلاصه مقاله:

in this paper nonlinear behavior of strengthened steel plate shear walls SPSWs by FRP laminates theoretically and numerically has been investigated in the first part a new method the composite plate frame interaction C-PFI method has been introduced to predict the shear behavior of the composite steel plate shear wall systems CSPSWs. in the second part several models of one -story unstiffened and strengthened SPSWs have been simulated in finite element software and all specimens are subjected to quasi -static cyclic loading

کلمات کلیدی:

steel plate shear wall , FRP laminate,C-PFI method ,hysteretic , nonlinear analysis

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