

عنوان مقاله:

Seismic Modeling of Concentrically Braced Frames

محل انتشار:

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خلاصه مقاله:

This article is intended to provide the reader with preliminarily knowledge on seismic modeling of concentrically brace frames, CBFs. As CBFs are on of the most frequently used lateral load resisting systems in Iran and several damaged and collapsed cases are reported in past Iranian earthquakes, better insight and information on their seismic behavior seems to be a vital engineering concern. A brief introduction on seismic features contributed to behavior of different elements in CBFs is presented. After that, general modeling techniques for different elements in CBFs are described and applied in modeling of two full scale braced frames using OpenSEES framework.

کلمات کلیدی:

Concentrically Braced Frame, Seismic Modeling, OpenSEES

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