

FAILURES MODES FOR DIFFERENT STRUCTURAL TYPES DURING AN EARTHQUAKES

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ABSTRACT

The risks of earthquakes can not be avoided completely, but one can be reduce the damages and structure vulnerability. From the evidence of baste earthquakes, researchers put some guidelines for designing and construction of several structures. Herein, in this paper, steel structures, reinforced concrete and masonry constructions would be discussed briefly, and how each kind respond and performed during an earthquake.

KEYWORDS: Earthquake, Failure Mode, Structural