

Measured Earthquake Response of a Concrete Block Masonry Shear Wall Building

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Abstract*:

The structural design of buildings located in geographic areas which have experienced major earthquakes presents a considerable challenge. As structural engineers we are aware of the potentially devastating force which a major earthquake can impart on buildings. Therefore, we must develop designs which, to the best of our present state of knowledge, will never collapse and are cost effective when reviewed from an expected earthquake damage viewpoint.

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DOI: 10.70803/001c.142874

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