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Fundamentals of Seismic Engineering

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Introduction to Earthquakes

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4 Fundamentals of Seismic Loading on Structures understand where and why earthquakes happen. Most severe earthquakes occur where the Earth's tectonic plates meet along plate boundaries. For example as two plates move towards each other, one plate can be pushed down under the other into the Earth's mantle. This is a

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During an earthquake, it is very effective under seismic load and it decreases the superstructure acceleration.

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