

Composite Foundations based on metamaterials



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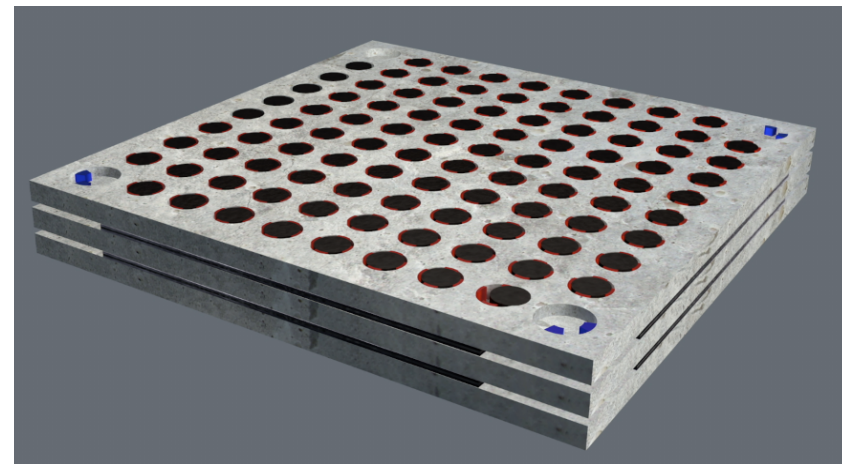
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A composite foundation for the seismic protection of the structures, 2014.

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The aim of CF is to filtrate the energy of earthquake inside the bad gap. In this configuration, the plates with the internal resonators are sandwiched between a load-distribution plate and a foundation plate to give a more-uniform load distribution on the CF and hence improve its dynamic response.

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