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OpenSeesDays2012 - OpenSeesWiki

A simple demonstration of dynamic soil-structure interaction analysis using continuum modeling for the site. Computations done in OpenSees, viz in Paraview. BTW: fun starts around the 1:00 mark ...

Simple 2-D Soil-Structure Interaction Model of a RC Shear-Wall Building in OpenSees

Literature on seismic behavior of offshore wind turbines is not as extensive as for the case of onshore wind turbines. .Haciefendioğlu investigated a 3-MegaWatt (MW) offshore monopile-supported wind turbine in a comprehensive manner, developing a full three-dimensional (3D) model considering the ensemble structure, soil, and water. In that study, a single stochastic earthquake was applied ...