

Opensees In Practice Soil Structure Interaction

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• OpenSees FE framework • Soil elements 9-4 Quad UP PDMY02 and PIMY • Pile elements Disp-based beam column Fiber section • Interface elements PYSimple and PYLiql CG Dense sand (N 1) 60 =35 Loose sand (N 1) 60 =5 Clay crust S u =40KPa Ground surface qz py tz 0m-5 m-8 m-20 m +10 m 2m diam every g 0.5 m ?g g Piles in Liquefied Soils - 2D Approach

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Dr. Arash Khosravifar (Fugro) discusses using the OpenSees software in practice soil structure interaction. The Open System for Earthquake Engineering Simula...

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