عنوان مقاله:
EFFECTS OF STRUCTURE ON SETTLEMENT AND LATERAL MOVEMENT IN SILTY SAND DEPOSITS

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نویسنده‌گان:
Mohsen Bagheri - Department of Civil Engineering, Babol University of Technology, Babol, Iran
Hamid Reza Tavakoli - Department of Civil Engineering, Babol University of Technology, Babol, Iran
Ali Asgari - Department of Civil Engineering, Tarbiat Modares University, Tehran, Iran

خلاصه مقاله:
Assessing ground damage at or near foundation caused by liquefaction of soil at depth is a complex and challenging problem facing the earthquake geotechnical engineers. In this paper the dynamic analyses were conducted as fully non-linear elasto-plastic coupled stress flow analyses with coupled liquefaction triggering using the fast lagrangian analysis of continua FLAC finite difference code.

کلمات کلیدی:
structure, liquefaction, loose silty sand deposit, settlement, lateral

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