عنوان مقاله:
Soil-Structure Interaction for Base-Isolated Steuctures

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خلاصه مقاله:
Base isolation is a means of reducing the transmission of vibration into buildings and was first used in the 1960s. Since then many buildings have been mounted on springs of various types in order to reduce the effects of ground-borne vibration. In most applications , the building rests on steel springs or iaminated rubber bearings. Analysis of this structure with its foundations and ground underneath, is the most important problem in civil engineering problems. In .this paper the soil-structure interaction is investigated

کلمات کلیدی:
Soil-Structure Interaction , Base-Isolated , Earthquake , Footing