

عنوان مقاله:

POD-based reduced order modeling of dynamic system

محل انتشار:

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خلاصه مقاله:

in this paper we study reduced order modeling of dynamic structural systems through the proper orthogonal decomposition POD technique. Principal component analysis is adopted to generate the reduced space where the equations of motion of the system are projected onto numerical results concerning the pirelli tower in milan excited by an earthquake are shown to get insights into the capability and efficiency of the proposed methodology

کلمات کلیدی:

reduced order modeling , proper orthogonal decomposition, structural systems, finite element analysis

لینک ثابت مقاله در پایگاه سیویلیکا:

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