Matthew and was a thesis on a static-kinetic type push over (code A)

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Abstract:

Today, for the evaluation of seismic structures, nonlinear static and dynamic analysis is rapidly expanding. Most nonlinear dynamical methods require large amounts of computing and spend a lot of time, and in addition, the analysis and interpretation of the results of this analysis requires special skills and expertise. This creates a variety of new ways of static analysis based on the dynamic analysis. In this article we have tried to cover comprehensive definition of non-linear static Apr analysis (NSP), which is one of the simple and relatively accurate analyses, as well as research and analysis is to improve and extend the envelope of Ur explanation with respect to the development of designs based on the behavioral or functional analysis in a considerable progress. Based on binding cover (NSP) response of the structure, the first mode control in three-dimensional fashion is discussed above, particularly in the waving of the main challenges of this approach. In order to meet this challenge in regard to the effect of higher modes, new ways have been suggested in this study as a few of the recent developments of this method and these include: push overs modal MPA, by covering Apr upper bound UBPA, combining modal when self AMC, analysis covering over Moody recovered IMPA, dressed modal consecutive CMP, by N2 developed EN2 issues in this article are reviewed.

Keywords: static analysis of cover binding, non-linear design based on a behavioral level, the effect of higher modes