

## عنوان مقاله:

Parametric Evaluation of Cable Stayed Bridges with Dynamic Push-Over Analysis

## محل انتشار:

پنجمین کنفرانس بین المللی پیشرفت های علوم و تکنولوژی (سال: 1390)

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## خلاصه مقاله:

Incremental Dynamic Analysis (IDA) is a parametric analysis method that has recently emerged in several different forms to estimate more thoroughly structural performance under seismic loads. It involves subjecting a structural model to one (or more) ground motion records, each scaled to multiple levels of intensity, thus producing one (or more) curves of response parameterized versus intensity level. This paper tries to evaluate and compare the seismic behavior of three different cable lay-outs; namely harp, semi-harp and fan type. For this aim, three cable stayed bridges are modeled and analyzed using nonlinear method by SAP2000 and then, the abovementioned curves are produced.

## کلمات کلیدی:

Cable stayed bridge, Incremental dynamic analysis, Nonlinear

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/157395>

