

## عنوان مقاله:

Numerical Study on ultimate Strength and Behavior of Plate Girders under Shear

## محل انتشار:

هفتمین کنگره بین المللی مهندسی عمران (سال: 1385)

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## خلاصه مقاله:

Basic concepts and approaches related to the ultimate shear strength are briefly reviewed and a FEM-based tool is presented and advocated as useful for further studies. To investigate the plastic/collapse behavior of plate girder in shear, especially when their geometry is complicated due to the present of holes and stiffeners one can only use non-linear elastic-plastic large deflection FEA . the dedicated computer code presented herein is a useful tool for the structural analysis , as well as for the rational design specialist , since the pre-and post-processing tasks as well as the calibration on experimental results are generally acknowledged as too time consuming

## کلمات کلیدی:

Ultimate Strength , Plate Girder , Postbuckling Behavior

## لینک ثابت مقاله در پایگاه سیویلیکا:

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