عنوان مقاله:

STABILITY AND BEHAVIOR OF INHOMOGENEOUS CONCRETE COLUMNS

محل انتشار:

چهارمین کنفرانس بین المللی مقاوم سازی (سال: 1391)

تعداد صفحات اصل مقاله: 5

نویسنده:

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خلاصه مقاله:

Stability calculations are critical in structural design can cause significant damage to structural column members. Stability analysis in solid mechanics began with Euler's solution of buckling of an elastic column (Euler, 1744). Most basic linear elastic problems of structural stability were solved by the end of the 19th century, although further solutions have been appearing as new structural types were being introduced. In this research, critical load or stability of inhomogeneous orthotropic reinforced concrete columns have been investigated. Due to the numerous outputs obtained, software package have been written in Matlab and analysis on data and drawing related charts have been done

کلمات کلیدی:

Concrete columns, Inhomogeneous, Stability, Buckling Load