## عنوان مقاله:
DAMAGE-BASED SEISMIC DESIGN OF MOMENT-RESISTING FRAMES

## محل انتشار:
ششمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1390)

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## خلاصه مقاله:
an iterative method for the damage based design of building frames is proposed . The iteration begins from a primary structure which can have any desired distribution of stiffness or strength . However the final response is always unique . Structural damage both in stories and members levels are sistributed according to different patterns and response results are compared to the IBC2006 design by use of a certain damage index.inall stages the strong column weak beam yield mechanism based on yielding of beams of a story before its columns is enforced.

## کلمات کلیدی:
damage-based seismic design , optimum strength and stiffness distribution, inelastic deformation , moment resisting frame MRF