

عنوان مقاله:

DUCTILITY AND PLASTIC HINGE OF HSC HEAVILY STEEL REINFORCED MEMBERS

محل انتشار:

پنجمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1386)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

A number of six heavily reinforced HSC beams with different percentage of . and .' were cast and incrementally loaded under bending. A test series with overreinforced concrete beams under two-point loading was performed at the shaheed bahonar university to examine the deformation behaviour of structures for compressive failure. During the test, the strain on the concrete middle face and on thte ension and compression bars and also the deflection at different points of the span length were measured up to failure. Based on the obtained results, the ultimate behavior and especially the displacement and curvature ductility of the HSC members are more deeply reviewed. Also a .comparison between theoretical and experimental results are reported here

کلمات کلیدی:

Ultimate Condition, Displacement and curvature Ductility of Members

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/16228>

