

عنوان فارسى مقاله:

ظرفیت چرخش لولای پلاستیکی تیرهای مسلح HPFRCC

عنوان انگلیسی مقاله:

Plastic Hinge Rotation Capacity of Reinforced HPFRCC Beams

توجه!

Carrie Carrie

این فایل تنها قسمتی از ترجمه میباشد.

برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله ترجمه شده کامل با فرمت ورد



بخشى از ترجمه مقاله

b. Experimental program

An experimental investigation was undertaken to corroborate the analytical work and lend further insight into the nature of finite element items in beam analysis. The test specimens which were chosen for this analytical study were two large scale beams with two hinged supports which have been tested by authors. The beam clear span was 2100 mm, total length was 2300 mm with constant cross section of 300 mm deep by 200 mm wide. Two-point loading which was increased monotically, applied on this beam. Details of reinforcement layout and loading of the beam are shown in Fig. 3. Material properties are summarized in Table 2.

Test set up of RC and RHPFRCC beams is presented in Fig. 4. The amount of damage is more sever in RHPFRCC beam compared to RC beam as it shown in Fig. 5 and Fig. 6. Moreover, the mid-span deflection of RHPFRCC beam is more than RC beam. In RC beam, the ultimate load and mid-span deflection were 239.83 kN and 30.25 mm. While, in RHPFRCC beam, these values are 263.17 kN and 59.95 mm respectively.

برتامه أزمايشي



توجه!

این فایل تنها قسمتی از ترجمه میباشد.

برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.

همچنین برای مشاهده سایر مقالات این رشته اینجا کلیک نمایید.