



FIBER REINFORCED CONCRETE

By T. Ch Madhavi

VDM Verlag Jul 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - An experimental investigation on the behaviour of the steel fiber reinforced concrete beams under shear is presented. The experimental investigation consists of tests on twenty conventionally reinforced concrete beams. All the beams are of same cross-sectional dimensions, 150 x 300 mm. The primary variables are, the percentage of fiber content, the aspect ratio of fibers and the shear span to effective depth ratio of the beams. The shear strengths of the fiber reinforced concrete beams are calculated and compared with their corresponding reinforced cement concrete beams and the effect of the aspect ratio, ratio of the shear span to effective depth and percentage of fiber content on the shear strength of the beam are studied . 84 pp. Englisch.



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