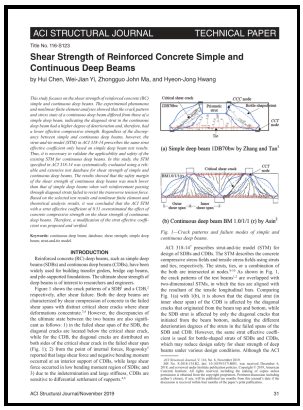
Experimental study of the inconsistency of the shear strength of reinforced concrete beams.

- - Shear Strength of Large Reinforced Concrete Beams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Shear Strength of Reinforced Concrete Simple and Continuous Deep Beams

by Hui Chen, Wei-Jian Yi, Zhongguo John Ma, and Hyeon-Jong Hwang

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-experimental study of the inconsistency of the shear strength of reinforced concrete beams.
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Experimental Study on Shear Failure of High

Figure 1: Methodology flow chart. This research investigates the effect of anchor groups on concrete breakout strength within steel fiber reinforced concrete SFRC under tension load. Teoh B K, Mansur M A, Wee T H.

Evaluation of Shear Strength of Concrete Beams with GFRP Reinforcement

Pandya, Ultimate shear strength of Fibrous moderate deep beams without stirrups.

Experimental Study on Shear Strength of Steel Fiber Reinforced Concrete Beams

The American Concrete Institute Founded in 1904 and headquartered in Farmington Hills, Michigan, USA, the American Concrete Institute is a leading authority and resource worldwide for the development, dissemination, and adoption of its consensus-based standards, technical resources, educational programs, and proven expertise for individuals and organizations involved in concrete design, construction, and materials, who share a commitment to pursuing the best use of concrete. High-strength concrete beams with high-strength stirrups can increase not only the shear capacity, but also the shear ductility.

Experimental study on shear behavior of reinforced concrete beams with web horizontal reinforcement

Knowledge-based prediction of shear strength of concrete beams without shear reinforcement. The water cement ratio adopted is 0. International Journal of Innovative Research in Science, Engineering and Technology.

An experimental study on the shear behaviour of reinforced concrete beams with macro

Test results are very valuable, as very few references of shear tests can be found focusing on the effect of web horizontal reinforcement on the shear capacity of the beams. The deflection at the right, left and the center portion of the beam specimen is during two point loading is found out and tabulated using strain gauges. Results of these statistical tests show that the 100% RCA beams possess approximately 12% lower shear

strength compared with the CC beams.

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