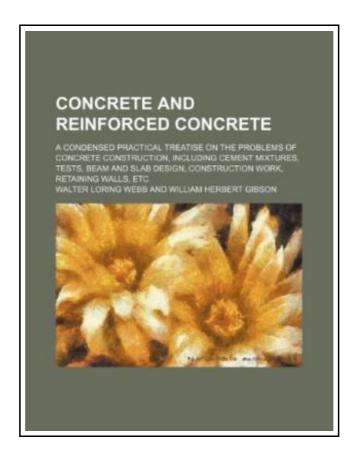
Concrete and Reinforced Concrete; A Condensed Practical Treatise on the Problems of Concrete Construction, Including Cement Mixtures, Tests, Beam and Slab Design, Construction Work, Retaining Walls, Etc



Filesize: 8.35 MB

Reviews

A must buy book if you need to adding benefit. I am quite late in start reading this one, but better then never. You may like just how the article writer compose this ebook.

(Prof. Elliott Dickinson)

CONCRETE AND REINFORCED CONCRETE; A CONDENSED PRACTICAL TREATISE ON THE PROBLEMS OF CONCRETE CONSTRUCTION, INCLUDING CEMENT MIXTURES, TESTS, BEAM AND SLAB DESIGN, CONSTRUCTION WORK, RETAINING WALLS, ETC



Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1916 Excerpt: . assistance furnished by the stirrups and the bars, which would come up diagonally through the ends of the beam--where this maximum shear occurs--nearly to the top of the slab. The vertical planes on each side of the rib have a combined width of 10 inches, and therefore the unit stress is rh X 154 = 169 pounds per square inch. This is a case of true shear, though it is somewhat larger than the permissible working shear. But there are still other shearing stresses in these vertical planes. In the case of a strip of the slab, say, one foot wide, which is reinforced by slab bars parallel to the girder, the elasticity of such a strip (if disconnected from the girder) would cause it to sag in the center. This must be prevented by the shearing strength of the concrete in the vertical plane along each edge of the girder rib. On account of the combined shearing stresses along these planes, it is usual to specify that when girders are parallel with the slab bars, bars shall be placed across the girder and through the top of the slab for the special purpose of resisting these shearing stresses. Some of the stresses are indefinite, and therefore no precise rules can be computed for the amount of the reinforcement. But since the amount required is evidently very small, no great percentage of accuracy is important. Specifications on this point usually require -inch bars, 5 feet...

- Read Concrete and Reinforced Concrete; A Condensed Practical Treatise on the Problems of Concrete Construction, Including Cement Mixtures, Tests, Beam and Slab Design, Construction Work, Retaining Walls, Etc Online
- Download PDF Concrete and Reinforced Concrete; A Condensed Practical Treatise on the Problems of Concrete Construction, Including Cement Mixtures, Tests, Beam and Slab Design, Construction Work, Retaining Walls, Etc

You May Also Like



Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children

Paperback. Book Condition: New.

Save ePub »



Gluten-Free Girl and the Chef: A Love Story with 100 Tempting Recipes

Book Condition: New. BRAND NEW BOOK! A+ CUSTOMER SERVICE! 100% MONEY BACK GUARANTEE! FAST, SAME BUSINESS DAY SHIPPING!.

Save ePub »



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Save ePub »



Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

Save ePub »



Young and Amazing: Teens at the Top High Beginning Book with Online Access (Mixed media product)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2014. Mixed media product. Book Condition: New. 204 x 140 mm. Language: English. Brand New Book. Cambridge Discovery Education Interactive Readers are the next generation of graded readers -...

Save ePub »