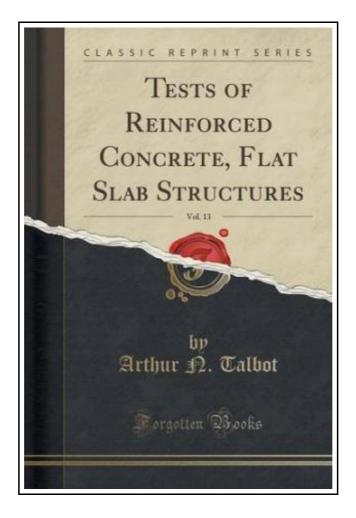
# Tests of Reinforced Concrete, Flat Slab Structures, Vol. 13 (Classic Reprint) (Paperback)



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#### Reviews

It in one of my personal favorite pdf. This really is for all those who statte there was not a really worth looking at. I realized this book from my dad and i encouraged this pdf to understand. (Katlynn Haag)

## TESTS OF REINFORCED CONCRETE, FLAT SLAB STRUCTURES, VOL. 13 (CLASSIC REPRINT) (PAPERBACK)



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Tests of Reinforced Concrete, Flat Slab Structures, Vol. 13 1. Purpose and Scope. It is the purpose of this bulletin to present the results of certain tests made on four reinforced concrete buildings and one reinforced concrete test structure. These tests were made with a view of getting experimental information on the action of the concrete and the reinforcing bars in floor slabs of the flat slab type of building construction. Data were obtained also on the bending action of the supporting columns. Efforts were made to find the distribution of stress in the bands of reinforcement both laterally and longitudinally, and that of the compressive stresses in the concrete on the opposite face of the slab; these in the regions of both the negative bending moment and of the positive bending moment. The description of the methods used in making the test is limited to those features which are different from the methods used in the tests described in Bulletin No.64 of the University of Illinois Engineering Experiment Station, Tests of Reinforced Concrete Buildings Under Load, and from the methods described in a paper on The Use of the Strain Gage in the Testing of Materials. It will be appreciated that the circumstances surrounding the floor test of a building are unfavorable to securing definite and uniform quantitative results. The structure is not homogeneous. There is a distribution of the resistance afforded by the structure to parts beyond the portion which is loaded. Effects of changes in temperature are troublesome. The stresses developed in the steel and in the concrete are small and there is considerable variation between parts which are supposedly similar in...

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