



## The Principles of Structural Mechanics; Treated Without the Use of Higher Mathematics (Paperback)

By Percy J Waldram

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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1912 edition. Excerpt: .of V in. per cwt. of load for beams under concentrated load, and-fa in. for distributed load. If instead of beams we had cantilevers, we could easily use the same experimental results and increase the figure of in. by the relation between the deflections of girders and cantilevers shown in the table. Thus the deflection of a cantilever i in. x i in. x i ft. span, under a concentrated load of I cwt., would be to the deflection in. for a beam of the same section and load in the proportion of f to V or would be--V in. x 4-in., or x f x-2/ = in., say J in. It is, however, in practice more convenient to know what deflection is going to take place in a timber beam loaded to the extent of the handy formula for timber beams: Safe distributed...



## Reviews

Absolutely essential read through book it was actually writtern quite properly and useful. Its been developed in an remarkably basic way and it is only following i finished reading through this ebook where really changed me, modify the way i believe.

-- Torrey Jerde

This publication is worth getting. This is certainly for those who statte that there was not a well worth studying. Its been written in an exceptionally simple way in fact it is only after i finished reading through this ebook in which in fact transformed me, modify the way i believe.

-- Mr. Hester Prohaska DVM