A Treatise on the Resistance of Materials and on Appendix on the Preservation of Timber (Paperback)

By De Volson Wook

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. 1871 Excerpt: .possible for the whole column to be compressed, although much more on the concave than on the convex side, in which Navier, Resume des Le9ons, 1839, p. 204. f Weisbach s Mechanics and Engineering. Tol. 1, p. 219. 1st Am. ed. case the neutral axis would be ideal, having its position entirely outside the beam on the convex side. In this case, if the ideal axis is parallel to the axis of the beam, it does not affect the form of equation (136), but it does affect the value of I; and hence the values of equations (137) and (138). The problem of the flexure of columns is then more interesting as an analytical one than profitable as a practical one. GRAPHICAL METHOD. 108. The Graphical METHOD consists in representing quantities by geometrical magnitudes, and reasoning upon them, with or without the aid of algebraic symbols....

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