



The Elements of Graphical Statics and Their Application to Framed Structures Volume 1; With Numerous Practical Examples of Cranes--Bridge, Roof and Suspension Trusses--Braced and Stone Arches--Pivot and Draw Spans--Continuous Girders, C., Together wi

By Augustus Jay Du Bois

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. 1875 Excerpt: .is not possible, an easy graphical multiplication of the segments by the square of the ratio of the spans will give the moments. We see also the reason why, for four symmetrical spans, the second and not the first must be taken as the standard span. If the construction of the moments over the supports is our sole purpose, as is in practice the case, the polygon need not be drawn. We have only to find our fixed points, and note the intersection of the sides with the verticals through the supports, without drawing the sides themselves. In the preceding Artswe have purposely considered only the particular case of uniform loading, and have taken only three spans, in order to familiarize the reader with the nature of the problem and the method of its solution. In ofder to attain a clear understanding of the subject as...



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