



Elementary Graphic Statics and the Construction of Trussed Roofs; A Manual of Theory and Practice (Paperback)

By Nathan Clifford Ricker

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. 1892 edition. Excerpt: . of division x, also bisecting it at a. On the same vertical line, lay off ab and ac, each = 10.71-r-2 tons, and divide be into 7 equal parts, marking these points of division y. The load line de represents the total load on the upper chord, one part axe also representing the load at one joint; be represents the total load on the lower chord, one part yy being the load at one joint. Joint A. The reaction evidently = half the total load on the entire truss, = ae-f-ab = be. Through b, draw y parallel to Y1 of Fig. 42, and through e, draw xl parallel to XI; these intersect at 1, and yl represents the strain in Y1, and xl, that in XI of the given truss. Joint B. Draw 1 2 and y2 parallel to 1 2 and Y2...



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