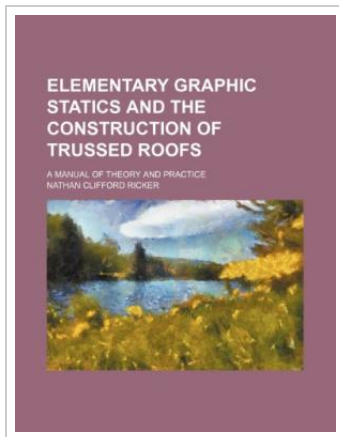




Elementary Graphic Statics and the Construction of Trussed Roofs; A Manual of Theory and Practice

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 bc into 7 equal parts, marking these points of division y . The load line de represents the total load on the upper chord, one part ae 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 Xl ; these intersect at 1 , and yl represents the strain in $Y1$, and xl , that in Xl of the given truss. Joint B. Draw 12 and $y2$ parallel to 12 and $Y2$...



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