



Graphical statics. Two treatises on the graphical calculus and reciprocal figures in graphical statics.

By Luigi Cremona

University of Michigan Library. Hardcover. Book Condition: New. This item is printed on demand. Hardcover. 200 pages. Dimensions: 9.0in. x 6.0in. x 0.6in. 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. 1890 edition. Excerpt: . . . crooked line $AabcdeC$, we draw IV parallel to ca s cc dV $fljr$ gcr r till each intersects the side Aa , eB Cd and now the whole polygon $Aabcde$ $C012345$ is reduced to the equivalent quadrilateral $ABCD$. 103. This is the easiest and most convenient way of finding the areas of figures, the perimeters of which take the most different forms. With a little practice we learn to perform the reduction quite mechanically, and without paying any attention to the actual form of the proposed circuit. This construction moreover permits us to take account of signs, so that in dealing with areas of different signs, the result gives the actual sign belonging to their sum without further a trouble. Take, for example, the self-cutting circuit (Fig. 90) $ABC01234$, which represents the cross section of an embankment and excavation in earthwork. Fig. 90....



READ ONLINE
[5.05 MB]

Reviews

I just started off looking over this ebook. It is actually loaded with wisdom and knowledge Its been developed in an remarkably simple way in fact it is simply after i finished reading through this book where basically modified me, modify the way i believe.

-- **Josie Koch IV**

The ideal ebook i actually read through. It really is writer in simple words and phrases and not confusing. Its been written in an remarkably simple way and it is just after i finished reading this ebook where in fact modified me, affect the way i think.

-- **Alice Cremin**