

## Graphics and Structural Design (Classic Reprint)

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### Reviews

It is fantastic and great. Sure, it is actually play, nonetheless an amazing and interesting literature. I realized this ebook from my dad and i recommended this pdf to find out. (Gunner Lang)

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#### **GRAPHICS AND STRUCTURAL DESIGN (CLASSIC REPRINT)**



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Graphics and Structural Design This text is intended for the author s classes in General Engineering Design in Sibley College, Cornell University. The treatment of the subject has been kept as general as possible and is that used for his students during the past four or five years. The problems chosen for discussion are those on the border line between Civil and Mechanical Engineering. To the general designer knowledge of this subject is indispensable while acquaintance with the methods used in determining the stresses in, and the subsequent designing of, structures is of the greatest benefit to others in all designing for strength whether of machines or structures. Although the book is called Graphics and Structural Design the determination of the stresses has not been confined to graphical means; the other usual methods have been included. The design of a plate girder may seem out of keeping with the purpose of the book. The author formerly used a crane runway girder instead of the railway bridge, but decided that the railway girders made the more comprehensive and better problem. The design of the latter permitted the use of the moment table and acquainted the student with the usual method of treating locomotive and train loads. Incidentally, one who could design a railway plate girder was well prepared to design a runway girder, although the reverse was not so generally true. The author s practice is to use a set of problems paralleling the drawing-room work, to assign a number of these problems each week to the students upon which they recite. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books....

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