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## The Elements of Mechanics of Materials: A Text for Students in Engineering Courses (Classic Reprint)

By Charles Edwin Houghton

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from The Elements of Mechanics of Materials: A Text for Students in Engineering Courses This is not a treatise on the Mechanics of Materials. The efforts of Merriman, Burr, Lanza, and others cover the field so thoroughly that there is no present need of such a work. It is designed to be an elementary text-book for students in the engineering courses in colleges and universities, where the time allotted to the subject does not exceed three or four recitations per week, for one half year, and where the course is preceded by college courses in mathematics, through integral calculus, mechanics, and physics. The extreme mathematical treatment of the subject has been avoided, but where the use of higher mathematics leads to clearness they have been freely used. As it is intended as a text-book, the general cases are discussed fully, leaving the student to derive the formulas for special cases as part of the regular problem work. At the end of each chapter there are review questions covering the more important parts of the subjects discussed...



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