



Text-Book of Mechanics (Classic Reprint)

By Louis A Martin

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Text-Book of Mechanics The Text-book of Mechanics, of which this is the first volume, is designed as an introductory course to Applied or Technical Mechanics for Technical Schools and Colleges. It is based upon notes prepared for the use of the Freshman and Sophomore classes at Stevens Institute of Technology. At the same time an attempt has been made to produce a graded course in the application of mathematics. With this end in view the first volume treats of Statics, the study of which can advantageously be begun with such knowledge of mathematics as is required for admission to most Colleges and all Technical Schools. The elements of Analytical Geometry are introduced as the treatment of the subject requires, but no Calculus is used in the first volume. The second volume, the MS. of which is nearly ready, will treat of Kinematics and Kinetics. In this volume extensive use will be made of the Calculus. Thus, while studying Mechanics, the student becomes acquainted with a use to which pure mathematics, as now taught in our...



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