



The Theory and Practice of Mechanics (Classic Reprint)

By S E Slocum

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Theory and Practice of Mechanics A Course in theoretical mechanics often lacks the strength and vitality resulting from practical applications, whereas a course in applied mechanics is likely to be so technical and limited in its range as to obscure the meaning and scope of the fundamental principles involved. By properly combining theory and practice the efficiency of instruction is greatly increased, and mechanics also becomes a powerful instrument for coordinating mathematics and physics with technology. In this text the aim is to present the fundamental principles of mechanics in such a way as to emphasize their actual significance and relationship, and at the same time make them a matter of intelligent interest to the average student of junior grade in colleges and universities, and in technical and engineering schools. In each article the explanation is given a body by direct application to some practical problem within the range of the students experience or understanding. Much of the subject matter will be found useful in reviewing earlier work in related subjects, thus unifying and...



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