



Elementary Mechanics: For Engineering Students (Classic Reprint) (Paperback)

By Francis M Hartmann

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Elementary Mechanics: For Engineering Students This little volume is the outcome of a series of lectures on elementary mechanics, delivered to the students in the engineering courses of the Cooper Union Day and Night Schools, with the intention of partially clearing the ground for some of the engineering subjects of the subsequent years. In all cases, some knowledge of trigonometry and elementary physics has been assumed; and it is further assumed that the instructor using the text is thoroughly familiar with the students pretraining in these branches. An attempt has been made to develop the formulae from the most fundamental principles; it being the opinion of the author that in this way the student derives the greatest amount of good. No excuse is made, and none need be made, for employing the poundal as the unit force, and g as a proportionality factor. A short chapter on the determination of maxima and minima values, by algebraic and trigonometric methods, is given with the hope that it will prove useful in solving problems, and also arouse...



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