



## Applications of the Calculus to Mechanics (Classic Reprint)

By Earle Raymond Hedrick

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Applications of the Calculus to Mechanics Wherever the teaching of mathematics to engineering students is discussed, and frequently in cases of other classes of students, the criticism which is almost without exception the most insistent is this: that the student leaves the course without adequate ability to apply his mathematical knowledge. This means that he has not the faculty of taking a problem, giving it an analytic formulation, and interpreting the analytic results. It is an open question whether it is the duty of the teacher of mathematics, or of the teacher of the more technical work which involves mathematics, to supply the needed training, but usually the mathematician is glad at least to share the responsibility and to do whatever he can to make his work fruitful, fully conscious of the fact that if he can successfully make the contact of his subject with the problems of the laboratory, of the engineering office, and of other activities, he will thereby add immensely to the vitality and interest of his work. With such a motive,...



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