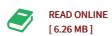# Elements Of Applied Mathematics

By Herbert E. Cobb

Benson Press. Paperback. Condition: New. 288 pages. Dimensions: 8.5in. x 5.5in. x 0.7in.ELEMENTS OF APPLIED MATHEMATICS BY HERBERT E. COBB. 1911. PREFACE This book of problems is the result of four years experimentation in the endeavor to make the instruction in mathematics of real service in the training pf pupils for their future work. There is at the present time a widespread belief among teachers that the formal, abstract, and purely theoretical portions of algebra and geometry have been unduly emphasized. More over, it has been felt that mathematics is not a series of discrete subjects, each in turn to be studied and dropped without reference to the others or to the mathematical problems that arise in the shops and laboratories. Hence we have attempted to relate arithmetic, algebra, geometry, and trigonometry closely to each other, and to connect all our mathematics with the work in the shops and laboratories. This has been done largely by lists of problems based on the preceding work in mathematics and on the work in the shops and laboratories, and by simple experiments and exercises in the mathematics classrooms, where the pupil by measuring and weighing secures his own data for numerical computations and...

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