



A Short University Course in Electricity, Sound, and Light (Classic Reprint)

By Robert Andrews Millikan

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from A Short University Course in Electricity, Sound, and Light This book represents primarily an attempt to secure a satisfactory articulation of the laboratory and class-room phases of instruction in physics. It is an outgrowth of the conviction that in courses of intermediate grade in colleges, universities, and engineering schools a real insight into the methods of physics, and a thorough grasp of its foundation principles are not readily gained unless theory is presented in immediate connection with such concrete laboratory problems as are calculated to give the student a sound basis for intelligent theoretical work. Nevertheless the book is intended to be much more than a laboratory manual. It represents an attempt to present a complete logical development, from the standpoint of theory as well as experiment, of the subjects indicated in the title. It is designed to occupy a half year of daily work, two hours per day, in either the freshman, sophomore, or junior years of the college or technical-school course. In the University of Chicago about one half of this time is...



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