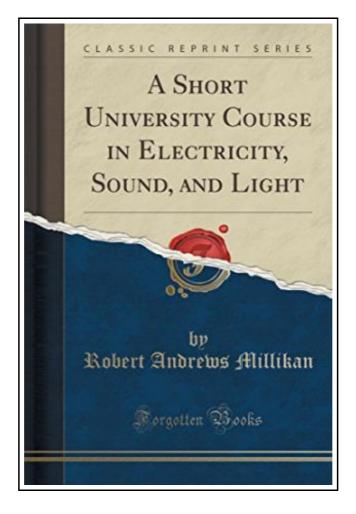
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Reviews

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A SHORT UNIVERSITY COURSE IN ELECTRICITY, SOUND, AND LIGHT (CLASSIC REPRINT)



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 devoted to class discussions, lecture-table demonstrations, quizzes, and problems, and the remainder to laboratory work. The course is preferably preceded by a similar course in mechanics, molecular physics, and heat, the two courses together constituting a year s work in college physics. The method of treatment is throughout analytical rather than descriptive, although no mathematics beyond trigonometry is presupposed. It is assumed that the student has already had a beginning course in descriptive physics in the high school or elsewhere. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is...

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