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

By Robert Andrews Millikan

Forgotten Books, 2017. Hardback. Condition: New. 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 classroom 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,...



Reviews

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-- Emmitt Harber