



High School Laboratory Manual of Physics (Classic Reprint) (Paperback)

By Dudley Grant Hays

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from High School Laboratory Manual of Physics In making this Manual two main objects have been kept in view. First, the teaching of Physics by the Inductive Method, that is, the presenting of a logically arranged course of experimental work that shall cover; the ground of Elementary Physics. Second, the providing of sufficient laboratory work to meet the entrance requirements of any college in the country. The authors are not so visionary as to suppose that boys and girls can, unaided, rediscover the laws of Physics, but we know that, if sufficiently careful directions are given to pupils in the performance of experiments, and definite instruction is given them as to the manner of studying results obtained, they will learn from Nature first-hand many of her great laws. And these will be much more strongly impressed than when learned from a text-book or from the teacher s experiments. From the generalizations made by the pupils, deductions can be made and then tested for their validity, thus keeping he pupil on the borderland between inductions and deductions,...



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