



Notes on Electricity and Magnetism: Designed as a Companion to Silvanus P. Thompson s Elementary Lessons (Classic Reprint)

By J B Murdock

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Notes on Electricity and Magnetism: Designed as a Companion to Silvanus P. Thompson s Elementary Lessons The design of this small volume of notes is to supplement the instruction given in Prof. Thompson s admirable Elementary Lessons by such explanations and additional instruction as an experience with two classes of cadets in this institution has shown to be necessary. In general, notes have been made on separate paragraphs in the lessons, but it was thought best to treat many subjects independently in order to present them more connectedly, and it is hoped that the notes may thus be of some service by themselves. The endeavor has been made to trace the theory of the dynamo machine and of electric motors from the primary laws of electro-magnetic induction, and descriptions of several of the more important dynamo machines have been added, chiefly to illustrate the various applications of the general principle underlying all. As Prof. Thompson s treatise has come to be largely used in colleges and high schools, demonstrations by the aid of calculus, most...



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