



Advanced Laboratory Practice in Electricity and Magnetism (Classic Reprint)

By Earle Melvin Terry

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English Brand New Book ***** Print on Demand *****.Excerpt from Advanced Laboratory Practice in Electricity and Magnetism In preparing this book, the author has had in mind particularly the needs of those students who have at their disposal only one year to devote to the study of electricity and magnetism in addition to the work covered in an elementary course in general physics. It has been his aim to include, in addition to the usual work in electrical measurements, a sufficient study of the discharge of electricity through gases, radio activity, and thermionics to enable those who cannot pursue special courses to gain an idea of the fundamentals of these newer branches. The subject matter covers the work given to third year students in electrical engineering at the University of Wisconsin. Following the elementary work of the first nine chapters, a number of the complex bridge methods for precise measurements of inductance and capacitance are discussed, together with descriptions of the various sources of alternating currents which have been developed in recent years for energizing bridge circuits. A discussion of the more modern instruments for detecting...



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