



Elements Of Electricity

By Anthony Zeleny

Read Books, United Kingdom, 2007. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.ELEMENTS OF ELECTRICITY BY ANTHONY ZELENY, PH. D. Professor of Physics, University of Minnesota SECOND EDITION FIFTH IMPRESSION MCGRAW-HILL BOOK COMPANY, INC. NEW YORK AND LONDON 1935, BY THE MCGRAW-HILL BOOK COMPANY, PREFACE TO THE SECOND EDITION The treatment of the electromotive force impressed by a moving magnetic, field on a stationary conductor has been changed from that given in the first edition to one requiring the introduction of one more basic phenomenon which, however, is shown to be a consequence of relative motion. This treatment makes clear the distinction between the conservative and the non conservative electric fields and thereby also clarifies the picturing of electromagnetic pulses. The action of the thermocouple is treated at length and unusual clarity is believed to have, been attained by representing diagrammatically the magnitudes of the contributing Thomson and Peltier effects. The chapter on Alternating Currents has been enlarged, and capacitive circuits are now treated as fully as the inductive. The reciprocal relationship between electric and magnetic fields is fully developed. Practically every article is improved in some manner, the...



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