



A First Book of Electricity and Magnetism for the Use of Elementary Science and Engineering Students and General Readers

By William Perren Maycock

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 84 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1913 edition. Excerpt: . . . is a permanent magnet, by turning its poles round the other way. The left-hand rule may also be applied to predict the direction of the induced currents in the experiments illustrated in Figs. 105-108. In Fig. . . 105, think of the tuft of lines proceeding from the N. pole of the magnet, and the direction in which they cut the first turn of the coil. In Fig. 106, imagine an end view of the wires a b and c d; figure to yourself the circular lines spreading out from a b and collapsing again, when the primary or inducing circuit is respectively made and broken, and think of the direction in which they cut the wire c d. In Fig. 107, the lines of force due to coil A are practically the same shape as if A were a bar magnet; and having found the...



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