



## Notes on Electricity and Magnetism; Designed as a Companion to Silvanus P. Thompson's Elementary Lessons (Paperback)

By Joseph Ballard Murdock

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1884 Excerpt: .quite accurate method applied by Sir Wm. Thomson to the measurement of the capacity of cables. If the poles of a battery are connected through a high resistance  $J$ , +  $J_i$  and a point  $F$  is connected with earth, its potential becomes zero and points on either side separated from it by equal resistances are at equal but  $X F$  Fig. 21. sistance are unequal, opposite potentials. If the re Charge the two condensers by making contact on opposite sides of  $F$  at such points that their charges just neutralize. If  $A$  and  $C$  are the points, (d) Charge the condenser and discharge it through a galvanometer, noting the deflection; charge it again to the original potential and allow it to discharge slowly through a very high resistance. After discharging a definite time  $T$ , note the deflection it will give when connected directly to the galvanometer....



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