



## Proceedings of the Institution of Electrical Engineers Volume 3 (Paperback)

By Institution Of Electrical Engineers

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. 1874 Excerpt: . by the forked tailed lead worked slowly up the battery, till the fuse exploded, noting carefully the deflection of the needle of the galvanometer until explosion. We then substituted such metallic resistance in the circuit as (with the number of cells which had produced explosion) reproduced the noted deflection. The conduct of some of the fuses was strangely different from that of others; for instance, in the case of one with a resistance marked Infinite, that is to say, one which gave no indication of a current from two cells, the resistance suddenly broke down before the current from 21 cells giving a violent deflection at moment of firing only. But generally the deflection increased very fairly with the increased number of cells applied, as I tried to keep the influence of each degree of current power as nearly equal as I could, that is,...



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