



## A History of the Theories of Aether and Electricity from the Age of Descartes to the Close of the Nineteenth Century (Paperback)

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By Edmund Taylor Whittaker

Theclassics.Us, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1910 edition.

Excerpt: . the conductor is one to which, for various reasons which will appear later, objection may be taken; but it is an integral part of Weber s theory, and cannot be excised from it. In fact, if this condition were not satisfied, and if the law of force were Weber s, electric currents would exert forces on electrostatic charges at rest\*; as may be seen by the following example. Let a current flow in a closed circuit formed by arcs of two concentric circles and the portions of the radii connecting their extremities; then, if Weber s law were true, and if only one kind of electricity were in motion, the current would evidently exert an electrostatic force on a charge placed at the centre of the circles. It has been shown, t indeed, that the assumption of opposite electricities moving with equal and...



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