



Home Study Course in Practical Electricity Volume 2; An Electrical Catechism .

By William Hiram Radcliffe

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. 1916 Excerpt: . the rotating-M to produce a torque or field proportional to the power in the circuit and this torque is counterbalanced by the retarding element so that the speed of the disk is exactly proportional to the torque. The retarding element consists of two permanent magnets mounted on that side of the meter diametrically opposite to the field coils and between the poles of which the metal disk of the moving element rotates. The magnet poles develop an electromotive force between the inner and outer parts of the disk that sets up eddy currents in it which consume the power passing through the field magnet coils. The registering mechanism comprises the dials, pointers and the gear wheels necessary to secure the required reduction in speed to enable the dials to register directly in wathours. A power factor adjustment consisting of a shortcircuited loop of variable resistance...



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