



## Manual of wireless telegraphy and telephony

By Archie Frederick Collins

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 46 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1913 Excerpt: . . . current. As this high-frequency and highpotential current oscillates through the aerial-wire system its energy is changed into an altogether different form, very much as in the case of low-voltage current electricity changing into magnetic lines of force, in that it sets up a disturbance in the ether and at right angles to the wire conducting the oscillations, but instead of closed lines of force the propagation assumes the form of undulations termed electric waves. Action of a Conductive-coupled Sending System. --Where an open and a closed circuit are coupled together, as shown in Fig. 92, the spark is produced in the closed circuit, and the high-potential and high-frequency currents surging through the system thus formed is imparted to the open-circuit system, which radiates the energy as electric waves. It will be observed by referring Fig. 92. --Diagram of Action of a Conductive-coupled Sending System. to the...



## Reviews

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