



Proceedings of the Engineering Association of the South Volume 12 (Paperback)

By Engineering Association of South

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. 1901 Excerpt: .and, in some respects, the most difficult to solve. On such a road, operating trains at 170 miles an hour, or 249.4 feet a second, equal to 2.853 miles a minute (14,964.4 feet per minute), our system of signaling must be perfection itself. It must be automatic, not only in giving a danger signal to the motorman, but in making it impossible for him to obtain power from the third rail when the signal is at danger, and, in addition, must put on his brakes if he fail to do so himself. Furthermore, it must be of such a nature that any fault in any link of the system will throw everything to danger. A suggestion of such a system is outlined in Fig. 17 (also Fig. 18). The heavy hase line indicates the track; a-b, b-e, c-d, etc., are sections; each of a length not...



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