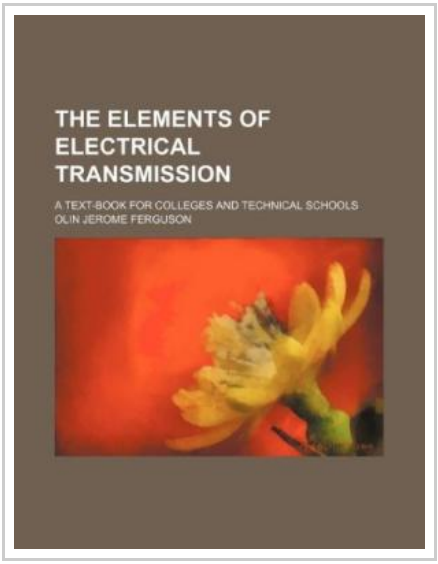

The Elements of Electrical Transmission; A Text-Book for Colleges and Technical Schools

By Olin Jerome Ferguson

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. 1911 Excerpt: .for unit potential will, therefore, be Q 1 C = T d-r d-r 2Qfloge r J 2 log. Again, where d is large compared to r, d--r may be considered as equivalent to d. Hence, we may for ordinary aerial lines, use C= electrostatic units. d 2 log, r If we change our system of units to the electromagnetic units and let C = capacity in microfarads of one conductor in respect to the neutral plane, d = interaxial distance between conduct ore, r= radius of wire, logs are taken to base 10, then, 0.241, .-10 --C per cm. of wire. log r 0.013. ., .-10 --u per inen of wire. log r 38780. ., . 10 -C per mile of wire. log r 0.03878. or--= C per mile of wire. log r The capacity of the circuit (consisting of two wires) for each of these...

Reviews

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