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Polyphased Alternating Currents: Illustrated (Classic Reprint)

By E Hospitalier

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Polyphased Alternating Currents: Illustrated But, before entering upon our subject, we will show briefly how the increasing progress of electrical industry has led engineers to create a system which four years ago did not exist. From 1800 to 1830, the date of the discovery of induction by Faraday, the voltaic pile sufficed for electrical researches of a purely scientific character. From 1830 to 1850, during which period we can trace the gradual growth of electrical industry, then limited to telegraphy and electro-chemical operations, the pile was still sufficient for the applications for which it was required. From 1850 to 1870, we find attempts being made to substitute for the battery a more powerful and more economical generator of electrical energy, a continuous current generator. This problem was solved by Gramme in 1870. From 1870 to 1880 may be called the decade of are electric lighting, and of the attempts made to obtain small sub-divided lights; the incandescence lamp was the solution of this problem. The development and improvement of incandescence lighting occupied from 1880 to...



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