



SPRING TECHNICAL PAPER PROGRAM

April, 1945

IN CO-OPERATION with the government policy suggesting cancellation of all meetings not essential to the war effort the usual District, Summer, and Pacific Coast Technical Meetings for this year have been cancelled.

The Technical Paper Programs, which normally would have been scheduled at these meetings, are important in the war effort and are to be continued with presentation by publication. The usual preprint pamphlet reproductions of authors' manuscripts will be made available and written discussion of the papers may be submitted as in the past. The papers for the remainder of the year will be arranged in three programs for the Spring, Summer, and Fall. Following is a list of papers for the Spring Technical Paper Program. Discussion of these papers should be mailed in triplicate by *May 15* to C. S. Rich, Secretary, Technical Program Committee, at Institute headquarters, 33 West 39th Street, New York 18, N. Y.

Land Transportation

- 45-83. Measurement of Railway Motor Temperatures in Service. J. W. Teker, General Electric Co. 20 cents by mail.
- 45-84. Dynamic Braking with Traction Motors. L. G. Riley and G. M. Woods, Westinghouse Elec. & Mfg. Co. 15 cents by mail.
- 45-91. Rewinding Commutator-Type Traction Armatures. N. J. Greene, D. E. Stafford, and C. Gentilini, National Electric Coil Co. 25 cents by mail.

Statistical Methods Applications

- 45-99. Statistical Tools for Controlling Quality. J. Manuele and Casper Goffman. Westinghouse Elec. & Mfg. Co. 20 cents by mail.
- 45-89. Statistical Methods Applied to Insulator Development and Manufacture. J. J. Taylor, Ohio Brass Co. 15 cents by mail.
- 45-98. Application of Quality Control to Resistance Welding. I. S. Hobson, R. S. Inglis, and R. P. McCants, General Electric Co. 15 cents by mail.

(Over)

See **ELECTRICAL ENGINEERING** for Abstracts of Papers
April Issue.

Spring Technical Paper Program—Continued

ADVANCE COPIES OF PAPERS

Reprints of technical papers may be obtained by mail by remitting price indicated to the A.I.E.E. Order Department, 33 West 39th Street, New York 18, N. Y.; if purchased at A.I.E.E. headquarters 5¢ less per copy. For convenience an order form is enclosed. Coupon books in \$5.00 denominations are available for those who wish to avoid remittance by check or otherwise. Most of the papers ultimately will be published in *ELECTRICAL ENGINEERING* or the *TRANSACTIONS*.

Electric Machinery

- 45-93. A Generalized Circle Diagram for a Four-Terminal Network and Its Application to the Capacitor Single-Phase Motor. J. G. Tarboux, The University of Tennessee. 30 cents by mail.
- 45-92. Per-Unit Impedances of Synchronous Machines. A. W. Rankin, General Electric Co. 20 cents by mail.

Electric Machinery Insulation

- 45-94. Winding Fault Detection and Location by Surge Comparison Testing. G. L. Moses and E. F. Harter, Westinghouse Elec. & Mfg. Co. 15 cents by mail.
- 45-95. Control of Electrical Insulating Varnishes. D. L. Gibson and C. H. Braithwaite, Jr., Westinghouse Elec. & Mfg. Co. 15 cents by mail.
- 45-97. Chemical Contamination As Causes of Electrical Insulation Failures. C. H. Braithwaite, Jr., and G. L. Moses, Westinghouse Elec. & Mfg. Co. 15 cents by mail.

Instruments

- 45-90. Basic Concepts of Moving Magnet Instrument Rotors. L. I. Mendelsohn, General Elec. Co. 25 cents by mail.
- 45-100. Precision Testing of Electric Tachometers. M. A. Princi, General Elec. Co. 15 cents by mail.
- 45-101. Analysis and Design of a D-C Selsyn System. Joseph Manildi, California Institute of Technology. 20 cents by mail.

A-C Aircraft Systems

- 45-85. Governor Requirements for Aircraft Alternator Drives. W. K. Boice and L. G. Levoy, Jr., General Elec. Co. 25 cents by mail.
- 45-86. Selenium Power Rectifiers for A-C Aircraft Systems. A. L. Embry, General Electric Co. 15 cents by mail.
- 45-87. 400-Cycle Aircraft Motor. G. O. Schwandt, General Electric Co. 20 cents by mail.
- 45-96. A 208Y/120-Volt, 120-Ampere, 3-Pole, 400-Cycle Electrically Operated Aircraft Circuit Breaker. C. H. Titus and P. J. Reifschneider, General Electric Co. 15 cents by mail.
- 45-88. A Current Limiting Fuse for Aircraft Applications. A. H. Powell, General Electric Co. 15 cents by mail.

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