

Clarke, F. C.

Certain Computation Phenomena associated with the Operation of Direct Current Machines.

Carroll, E. J., and

Payne, J. C.

The Efficiency of Air-cooling Devices for Static Transformers.

Parker, W. F., and

Wickersham, E. J.

A Study of Certain Types of Fan Motors.

Robinson, R. H., and

Hutchins, L. B.

The Dielectric Strength of Oils.

Snowdon, C. R., and

St. Clair, O. A.

The Relation of Physical and Magnetic Hardness in Carbon Steels.

Heine, P. L.

Study of Strains in Long Span Transmission Systems.

Putt, F. A., and

Beamer, B. A.

An Investigation of the Effect of Iron Conduit on Instrument Leads.

Kadic, J. F.

Design, Construction and Test of a 5 K. W. 1,000 ampere Transformer.

## Mechanical Engineering

Dreffein, H. A., and

McBurney, E., Jr.

Calibration of Pitot Tubes and a Study of the Flow of Gases in Pipes.

MacMillan, A. W.,

Natkin, B., and

Goldsmith, F. R.

Effect of Oil Injection into the Mixture of a Westinghouse Gas Engine.

Lennartz, G. P.

Plans for a Proposed Central Power Plant for the Armour Institute of Technology.

Fiske, G. W.

Design and Construction of a Reducing Motion for an 8x10, 3-cycle Westinghouse Gas Engine.

Ratcliff, W. A., and

Hill, W. E.

Design of a Mechanical Plant for an 18-story Office Building.

Willard, D. E., and

Durr, H. A.,

The Efficiency of Automobile Engines.

Felgar, J. H.

The Determination of Furnace Temperature by the Clay Ball Calorimeter.