

PROCEEDINGS
OF THE
AMERICAN PHYSICAL SOCIETY.

NEW YORK MEETING, FEBRUARY 27, 1915.

The seventy-sixth regular meeting of the Physical Society was held in Fayerweather Hall, Columbia University, New York, on Saturday, February 27, at 10:00 o'clock. The following papers were presented:

The Joule Free Expansion Experiment and the Correction of The Constant Volume Gas Thermometer. LYNDE P. WHEELER.

The Forms of Physical Equations. (By title.) E. BUCKINGHAM.

Electrical Characteristics of X-Ray Tubes. J. S. SHEARER and P. T. WEEKS.

Fluorescence and Absorption of Certain Organic Substances. R. C. GIBBS and K. GIBSON.

Absorption of Certain Glasses of Known Composition. K. GIBSON.

Fluorescence of Frozen Solutions of Uranyl Salts. (By title.) W. HOWES.

Fluorescence and Absorption of Uranyl Ammonium Chloride. EDWARD L. NICHOLS.

Response of a Silicon Detector to Short Electric Waves. ERNEST MERRITT.

Agglomeration Theory of Variation of Specific Heat of Solids with Temperature. A. H. COMPTON.

Construction of Crystals with Theoretical Atom. A. C. CREHORE.

Notes on the Atomic Nuclei. WILLIAM DUANE.

New Device for Rectifying High Tension Alternating Currents. SAUL DUSHMAN.