

Proceedings of the Ohio Section of the American Physical Society

MEETING AT CLEVELAND, OCTOBER 10, 11, 1941

THE sixth meeting of the Ohio Section of the American Physical Society was held on October 10 and 11, 1941, at Case School of Applied Science and the General Electric Institute, Nela Park, Cleveland, Ohio. The programme was a symposium on "Light and Lighting."

The Friday afternoon session was held at the Swasey Observatory of the Case School of Applied Science. A lecture was given by Dr. J. J. Nassau, Director of the Observatory, on "The Newer Schmidt Telescopes and their Work." Astronomical movies were shown.

After a banquet Friday evening over one hundred members and guests attended a lecture on "The Mass Spectrograph" by Dr. John A. Hipple, Jr., Westinghouse Research Laboratories, East Pittsburgh, Pennsylvania.

The following papers were read at the Saturday morning session at Nela Park:

The Radiation of Mercury Vapor. B. T. BARNES, *Nela Park*.

Radiation from the Carbon Arc. H. G. MACPHERSON, *National Carbon Company*.

Home Lighting Demonstration. MISS AILEEN PAGE, *Nela Park*.

Sterilizing with Ultraviolet Radiation. ALFRED PAULUS, *Westinghouse Electric & Manufacturing Company*.

Lighting the Classroom. HENRY DATES, *Case School of Applied Science*.

RICHARD H. HOWE, *Secretary*
Denison University
Granville, Ohio

Proceedings of the New England Section of the American Physical Society

MEETING AT NORTHAMPTON, OCTOBER 11, 1941

THE eighteenth regular meeting of the New England Section of the American Physical Society was held at Smith College, Northampton, Massachusetts, on October 11, 1941. About seventy-five persons attended the meeting. The invited papers were as follows:

The Teaching and Research Programs of the Department of Physics at Smith College. GLADYS A. ANSLOW, *Smith College*.

The Native Protein, a Problem for Physics. DOROTHY WRINCH, *visiting lecturer at Smith, Mount Holyoke and Amherst Colleges*.

Stroboscopic Photographs Used in the Teaching of Mechanics. FRANCIS W. SEARS, *Massachusetts Institute of Technology*.

A Defense Training Course in Radio Techniques. WILLIS RAYTON, *Dartmouth College*.

Abstracts of the contributed papers are given below.

Members of the society were the guests of Smith College for a concert of chamber music on the evening previous to the meeting and for tea following the meeting.

At the business meeting the following officers were elected for 1942: *Chairman*, P. M. Morse; *Vice Chairman*, Gladys A. Anslow; *Secretary-Treasurer*, Alice H. Armstrong; *Members of the Program Committee*, H. Margenau and A. P. R. Wadlund.