

chanics of a Continuous Medium—vibrating string with fixed ends); Victor F. Lenzen (Philosophical Problems of the Statistical Interpretation of Quantum Mechanics); and George Placzek (Correlation of Position for the Ideal Quantum Gas). Copies of the *Proceedings* (700 pp., \$11.00) may be obtained from the University of California Press, Berkeley 4, California.

The Press has also announced that less than fifty copies of the *Proceedings* of the First Berkeley Symposium on Mathematical Statistics and Probability remain of the first printing, and that if enough orders are received the book will be reprinted. Also edited by Dr. Neyman, the *Proceedings* of the earlier symposium, held in Berkeley in 1949, consist of thirty papers covering the applications of mathematical statistics and probability to philosophy, astronomy, economics, agriculture, biology, forestry, psychology, and entomology. The volume is priced at \$7.50.

Unesco Report

Program-Making in Unesco, 1946-1951 is a pioneer report on the processes of international administration, written by Charles S. Ascher, a political scientist, and formerly executive officer for program. It depicts the roles of the Secretariat, the Executive Board, and the General Conference in formulating and determining the program of Unesco, evaluates the processes followed, and offers proposals for their improvement. The report, No. Sp59, was published by the Public Administration Service, Chicago 37, Illinois, and is available for \$2.50.

50 Years of British Standards

Half a century of scientific progress is recorded in a new publication of the British Information Services, the *National Physical Laboratory Jubilee Book*, by John Langdon-Davies (104 pp., \$1.00). Profusely illustrated, it describes the growth of the National Physical Laboratory from its foundation in 1900 to the present day, when it is responsible for all kinds of scientific work from the testing of screw threads to the development of advanced electronic calculating machines. The extension of its work and responsibilities as custodian of the national standards of measurement is traced from small beginnings to the important part it now plays in British life and industry. Copies are available from the Sales Section, British Information Services, 30 Rockefeller Plaza, New York 20, N. Y.

Color Slides of the Atoms

A set of one hundred 2" x 2" color slides made directly from the well-known Hubbard Chart of the Atoms, which has been brought up to date by W. F. Meggers of the National Bureau of Standards, is now available for lectures and class discussion, according to the W. M. Welch Scientific Company, Chicago. The complete set of glass-mounted slides comes in a black leatherette case with fastener and hinged cover. (No. 3975, complete with forty-eight page *Key*, \$75.00.)

Books Received

SELECTED TOPICS IN X-RAY CRYSTALLOGRAPHY FROM THE DELFT X-RAY INSTITUTES. Edited by J. Bouman. 375 pp. Interscience Publishers, Inc., New York, 1951. \$11.00.

DIMENSIONAL ANALYSIS AND THEORY OF MODELS. By Henry L. Langhaar. 166 pp. John Wiley & Sons, Inc., New York, 1951. \$4.00.

THERMODYNAMICS (Second Edition). By George A. Hawkins. 348 pp. John Wiley & Sons, Inc., New York, 1951. \$6.50.

THE NEW PHYSICS. Talks on Aspects of Science. By Sir C. V. Raman. 144 pp. Philosophical Library, New York, 1951. \$3.75.

ADVANCES IN BIOLOGICAL AND MEDICAL PHYSICS. Volume II. Edited by John H. Lawrence and Joseph G. Hamilton. 348 pp. Academic Press, Inc., New York, 1951. \$7.80.

WAVEGUIDE HANDBOOK. Edited by N. Marcuvitz. 428 pp. McGraw-Hill Book Company, Inc., New York, 1951. \$7.50.

THE FOURIER INTEGRAL AND CERTAIN OF ITS APPLICATIONS. By Norbert Wiener. 201 pp. Dover Publications, Inc., New York, 1951. \$3.95.

PHYSICS OF LUBRICATION. A symposium held jointly by the British Rheologists' Club and the Manchester and District Branch of The Institute of Physics in Manchester from 29 June to 1 July 1950. Supplement No. 1 to *British Journal of Applied Physics*. 96 pp. The Institute of Physics, London, 1951. 15s.

EXPERIMENTAL SPECTROSCOPY (Second Edition). By Ralph A. Sawyer. 358 pp. Prentice-Hall, Inc., New York, 1951. \$6.65.

SCIENTIFIC RUSSIAN. A Textbook for Classes and Self-Study. By James W. Perry. 816 pp. Interscience Publishers, Inc., New York, 1950. \$7.50.

FUNDAMENTALS OF ELECTRICAL ENGINEERING. By Fred H. Pumphrey. 668 pp. Prentice-Hall, Inc., New York, 1951. \$5.75.

OPTICAL CRYSTALLOGRAPHY (Second Edition). By Ernest E. Wahlstrom. 247 pp. John Wiley and Sons, Inc., New York, 1951. \$4.50.

JOHANNES KEPLER: LIFE AND LETTERS. By Carola Baumgardt. 209 pp. Philosophical Library, New York, 1951. \$3.75.

PRINCIPLES OF CHEMICAL THERMODYNAMICS. By Martin A. Paul. 740 pp. McGraw-Hill Book Company, Inc., New York, 1951. \$7.50.

A NEW THEORY OF GRAVITATION. By Jakob Makelker. 25 pp. Philosophical Library, New York, 1951. \$2.75.

INTRODUCTION TO THE STUDY OF AIRCRAFT VIBRATION AND FLUTTER. By Robert H. Scanlan and Robert Rosenbaum. 428 pp. The Macmillan Company, New York, 1951. \$7.50.

SYNCHRONOUS MACHINES: Theory and Performance. By Charles Concordia. 224 pp. John Wiley and Sons, Inc., New York, 1951. \$5.50.

MODERN INTERFEROMETERS. By C. Candler. 502 pp. Hilger & Watts Ltd., London, England, 1951. 57/6.

THE ELEMENTS OF THERMODYNAMICS. By Charles Fabry. 229 pp. Frederick Muller Ltd., London, England, 1951. 15s.

TIME BASES (SCANNING GENERATORS): Their Design and Development with Notes on the Cathode Ray Tube (Second Edition). By O. S. Puckle. 387 pp. John Wiley and Sons, Inc., New York, 1951. \$5.00.