

Books Received

THE CHARACTERISTICS OF ELECTRICAL DISCHARGES IN MAGNETIC FIELDS. Edited by A. Guthrie and R. K. Wakerling. 376 pp. McGraw-Hill Book Company, New York, 1949. \$3.50.

ELECTRON MICROSCOPY. By Ralph W. G. Wyckoff. 248 pp. Interscience Publishers, Inc., New York, 1949. \$5.00.

RADIOACTIVE MEASUREMENTS WITH NUCLEAR EMULSIONS. By Herman Yagoda. 356 pp. John Wiley and Sons, Inc., New York, 1949. \$5.00.

THERMODYNAMICS. By E. A. Guggenheim. 394 pp. Interscience Publishers, Inc., New York, 1949. \$6.50.

PHOTOGRAPHIC OPTICS. By Arthur Cox. 412 pp. Pitman Publishing Corporation, New York, 1949. \$5.75.

THE STRENGTH OF PLASTICS AND GLASS. By R. N. Haward. 245 pp. Interscience Publishers, Inc., New York, 1949. \$5.50.

IONS, ELECTRONS, AND IONIZING RADIATIONS. (Eighth Edition.) By J. A. Crowther. 322 pp. Longmans, Green and Company, Inc., New York, 1949. \$4.00.

ELECTRICITY IN THE SERVICE OF MAN. (Second Edition.) By Sydney G. Starling. Revised by H. J. Gray. 255 pp. Longmans, Green and Company, Inc., New York, 1949. \$2.25.

PRINCIPLES OF A NEW ENERGY MECHANICS. By Jakob Mendelker. 73 pp. The Philosophical Library, New York, 1949. \$3.75.

FOUNDATIONS OF NUCLEAR PHYSICS. 272 pp. Dover Publications, Inc., New York, 1949. \$2.95.

INTRODUCTORY GENERAL COURSE IN THE PHYSICAL SCIENCES. By the physical sciences staff, University of Chicago. 226 pp. University of Chicago Press, Chicago, Illinois. \$1.40.

PHILOSOPHY OF NATURE. By Moritz Schlick. 136 pp. The Philosophical Library, New York, 1949. \$3.00.

METALS REFERENCE BOOK. Edited by Colin J. Smithells. 735 pp. Interscience Publishers, Inc., New York, 1949. \$13.50.

FRONTIERS IN COLLOID CHEMISTRY. Edited by R. E. Burk and Oliver Grummitt. 157 pp. Interscience Publishers, Inc., New York, 1950. \$4.00.

PROCEEDINGS OF THE BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY. Edited by Jerzy Neyman. 501 pp. University of California Press, Berkeley, California, 1949. \$7.50.

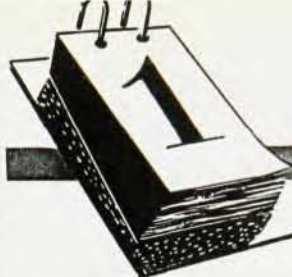
PIEZO-ELECTRIC CRYSTALS AND THEIR APPLICATION TO ULTRASONICS. By Warren P. Mason. 508 pp. D. Van Nostrand Company, Inc., New York, 1950. \$7.50.

COSMIC RADIATION AND ITS BIOLOGICAL EFFECTS. By Victor F. Hess and Jakob Eugster. Second Revised and Augmented Edition. 178 pp. Fordham University Press and Declan X. McMullen Company, Inc., New York, 1949. \$4.00.

TABLES OF THE FUNCTION $\sin \phi/\phi$ AND OF ITS FIRST ELEVEN DERIVATIVES. By the staff of the Computation Laboratory. 241 pp. Harvard University Press, Cambridge, Massachusetts, 1949. \$8.00.

TABLES OF THE BESSEL FUNCTIONS OF THE FIRST KIND OF ORDERS; SIXTY-FOUR THROUGH SEVENTY-EIGHT. By the staff of the Computation Laboratory. 566 pp. Harvard University Press, Cambridge, Massachusetts, 1949. \$8.00.

TABLES OF THE GENERALIZED EXPONENTIAL-INTEGRAL FUNCTIONS. By the staff of the Computation Laboratory. 416 pp. Harvard University Press, Cambridge, Massachusetts, 1949. \$8.00.



CALENDAR

of EVENTS

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| April 4 | Society for Applied Spectroscopy, New York City |
| April 7-8 | American Physical Society (Southeastern Section), Baton Rouge, Louisiana |
| April 9-13 | American Chemical Society, Philadelphia, Pa. |
| April 12-14 | American Society of Mechanical Engineers, Washington, D. C. |
| April 14-15 | American Physical Society (New York State Section), Buffalo, New York |
| April 16-20 | American Chemical Society, Detroit, Michigan |
| April 19-22 | Electrochemical Society (Annual Meeting), Cleveland, Ohio |
| April 20-22 | American Philosophical Society, Philadelphia, Pa. |
| April 21-22 | American Mathematical Society, Oak Ridge, Tenn. |
| April 23-26 | American Ceramic Society, New York City |
| April 24-26 | National Academy of Sciences, Washington, D. C. |
| April 24-28 | Society of Motion Picture and Television Engineers, Chicago, Illinois |
| April 27-29 | American Physical Society, Washington, D. C. |
| April 28-29 | American Mathematical Society, Washington, D. C. |
| April 28-29 | American Mathematical Society, Chicago, Illinois |
| April 28-29 | American Mathematical Society, Berkeley, Calif. |
| April 29 | Institute of Radio Engineers, Cincinnati, Ohio |
| April 30-May 4 | American Association for the Advancement of Science (Southwestern Division), Flagstaff and Grand Canon, Arizona |
| May 1-3 | American Geophysical Union (Annual Meeting), Washington, D. C. |
| May 2 | Society for Applied Spectroscopy, New York City |
| May 2-4 | American Meteorological Society, Washington, D. C. |
| May 12-13 | American Physical Society (Fluid Dynamics Division), Urbana, Illinois |
| May 24-26 | American Institute of Electrical Engineers Technical Conference on Telemetering, Philadelphia, Pa. |
| May 25-27 | Canadian Association of Physicists, Hamilton, Ontario, Canada |
| May 26-27 | Society for Applied Spectroscopy (Annual Meeting), New York City |
| May 26-June 1 | Société Française de Physique 47th Exhibition of Scientific Instruments and Materials, Paris, France |
| May 28-31 | American Institute of Chemical Engineers, Swampscott, Massachusetts |
| May 29-30 | Technical Association of the Pulp and Paper Industry (Fundamental Research Conference), Quebec City, Canada |
| June 6-8 | Symposium on Theory of Electromagnetic Wave Propagation (Jointly sponsored by New York University and Geophysical Research Directorate of Air Force Cambridge Research Laboratories), New York City |
| June 8-10 | Symposium on Nuclear Physics of the Light Elements, Oak Ridge, Tennessee |
| June 12-16 | American Institute of Electrical Engineers (Summer and Pacific General Meeting), Pasadena, Calif. |
| June 12-16 | Conference on Costs, Budgeting, and Economics of Industrial Research, Columbia University, New York City |
| June 12-17 | Symposium on Molecular Structure and Spectroscopy, Ohio State University, Columbus, Ohio |
| June 14-17 | Annual Colloquium of College Physicists, State University of Iowa, Iowa City, Iowa |
| June 16-17 | American Mathematical Society, Seattle, Wash. |
| June 18-21 | American Astronomical Society, Bloomington, Ind. |
| June 19-23 | American Society of Mechanical Engineers (Semi-Annual Meeting), St. Louis, Missouri |
| June 20-22 | American Association of Physics Teachers, Middletown, Connecticut |
| June 21-23 | American Meteorological Society, Salt Lake City, Utah |
| June 21-24 | American Physical Society, Mexico City, Mexico |
| June 22-24 | Acoustical Society of America, State College, Pa. |
| June 26-30 | American Society for Testing Materials (Annual Meeting), Atlantic City, New Jersey |
| July 10-15 | Conference on Properties of Semiconducting Materials (sponsored by International Union of Physics and Royal Society), Reading, England |
| July 12-14 | American Society of Civil Engineers (Annual Convention), Toronto, Canada |