

Books Received

- ASTRONOMY OF STELLAR ENERGY AND DECAY. By Martin Johnson. 216 pp. Dover Publications, Inc., New York, 1951. \$3.50.
- BASIC ELECTROTECHNICS. By B. L. Goodlet. 247 pp. Longmans, Green and Company, Inc., New York, 1951. \$4.00.
- MECHANICS AND PROPERTIES OF MATTER. By R. C. Brown. 276 pp. Longmans, Green and Company, Inc., New York, 1951. \$2.25.
- HELICOPTER ANALYSIS. By Alexander A. Nikolsky. 340 pp. John Wiley and Sons, Inc., New York, 1951. \$7.50.
- TENSOR ANALYSIS—THEORY AND APPLICATION. By I. S. Sokolnikoff. 335 pp. John Wiley and Sons, Inc., New York, 1951. \$6.00.
- THE DESIGN OF SWITCHING CIRCUITS. By William Keister, Alistair E. Ritchie, and Seth H. Washburn. 556 pp. D. Van Nostrand Company, Inc., New York, 1951. \$6.00.
- TV AND ELECTRONICS AS A CAREER. By Ira Kamen and Richard H. Dorf. 326 pp. John F. Rider Publisher, Inc., New York, 1951. \$4.95.
- MATERIALS TECHNOLOGY FOR ELECTRON TUBES. By Walter H. Kohl. 493 pp. Reinhold Publishing Corporation, New York, 1951. \$10.00.
- THE ROCKEFELLER FOUNDATION DIRECTORY OF FELLOWSHIP AWARDS 1917-1950. 286 pp. The Rockefeller Foundation, New York, 1951.
- PHILOSOPHICAL PROBLEMS OF MATHEMATICS. By Bruno Baron v. Freytaggen. Loringhoff. 88 pp. Philosophical Library, Inc., New York, 1951. \$2.75.
- GERMAN BOOKS ON CHEMICAL AND COGNATE SUBJECTS [INCLUDING PHYSICS] PUBLISHED 1939-1950 (Second Revised and Extended Edition). By A. E. Cummins and S. Vince. 102 pp. Lange, Maxwell and Springer Ltd., London, England, 1951. Free of charge on request.
- EINFÜHRUNG IN DIE THEORETISCHE PHYSIK. Volume III, Part II, QUANTENTHEORIE. By Clemens Schaefer. 510 pp. Walter De Gruyter and Company, Berlin, Germany, 1951. DM 40.00.
- RADIATION FROM RADIOACTIVE SUBSTANCES (Re-issue of the 1930 Edition). By Sir Ernest Rutherford, James Chadwick, and C. D. Ellis. Cambridge University Press, New York, 1951. \$11.00.
- ULTRAVIOLET SPECTRA OF AROMATIC COMPOUNDS. By Robert A. Friedel and Milton Orchin. 52 pp. of text and 579 plots of spectra. John Wiley and Sons, Inc., New York, 1951. \$10.00.
- MODERN MAGNETISM (Third Edition revised). By L. F. Bates. 506 pp. Cambridge University Press, New York, 1951. \$5.50.
- INTERNAL CONSTITUTION OF THE EARTH (Second revised Edition of Volume VII of the Physics of the Earth). Edited by B. Gutenberg. 439 pp. Dover Publications, New York, 1951. \$6.00.
- FUNDAMENTALS OF AUTOMATIC CONTROL. By G. H. Farrington. 285 pp. John Wiley and Sons, Inc., New York, 1951. \$5.00.
- SECOND SYMPOSIUM ON LARGE-SCALE DIGITAL CALCULATING MACHINERY. Jointly Sponsored by the Navy Department Bureau of Ordnance and Harvard University at the Computation Laboratory, 13-16 September 1949. 393 pp. Harvard University Press, Cambridge, Mass., 1951. \$8.00.
- CRYSTAL GROWTH. By H. E. Buckley. 571 pp. John Wiley and Sons, Inc., New York, 1951. \$9.00.
- ENVIRONMENT AND HEALTH. A team product by personnel of the Public Health Service. 152 pp. Public Health Service Publication No. 84, U. S. Government Printing Office, Washington, D. C., 1951. \$0.75.
- ECLIPSES OF THE SUN (Fifth Edition). By Samuel Alfred Mitchell. 445 pp. Columbia University Press, New York, 1951. \$6.50.
- THE THEORY OF ELECTROMAGNETIC WAVES. A Symposium held under the auspices of Washington Square College, New York University, and the Air Force Cambridge Research Laboratories, June 6-8, 1950. 393 pp. Interscience Publishers, Inc., New York, 1951. \$6.50.
- STATISTICAL DESIGN AND ANALYSIS OF EXPERIMENTS FOR DEVELOPMENT RESEARCH. By Donald Statler Villars. 455 pp. Wm. C. Brown Company Publishers, Dubuque, Iowa. \$6.50.
- ENERGY SOURCES—THE WEALTH OF THE WORLD. By Eugene Ayres and Charles A. Scarlott. 344 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$5.00.
- PRINCIPLES OF QUANTUM MECHANICS. Nonrelativistic Wave Mechanics with Illustrative Applications. By William V. Houston. 288 pp. McGraw-Hill Book Company, New York, 1952. \$6.00.
- THE MEASUREMENT OF RADIO ISOTOPES. By Denis Taylor. 118 pp. Methuen and Company Ltd., London, and John Wiley and Sons, Inc., New York, 1951. \$1.50.
- LENSES IN PHOTOGRAPHY—THE PRACTICAL GUIDE TO OPTICS FOR PHOTOGRAPHERS. By Rudolf Kingslake. 246 pp. Case-Hoyt Corp., Garden City, New York, 1951. \$2.95.
- ADVANCED THEORY OF WAVEGUIDES. By L. Lewin. 192 pp. Iliffe and Sons, Ltd., London, 1951. 30s.
- TABLES OF THE ERROR FUNCTION AND OF ITS FIRST TWENTY DERIVATIVES. By the Staff of the Computation Laboratory. 276 pp. Harvard University Press, Cambridge, Massachusetts, 1952. \$8.00.
- FINITE DEFORMATION OF AN ELASTIC SOLID. By Francis D. Murnaghan. 140 pp. John Wiley and Sons, Inc., New York, 1951. \$4.00.
- SOUND INSULATION AND ROOM ACOUSTICS. By Per V. Brüel. Translated from the Danish by J. M. Borup. 275 pp. Chapman and Hall Ltd., London, 1951. 35s.
- SHORT-WAVE RADIATION PHENOMENA. Volumes I and II. By August Hund. 1382 pp. McGraw-Hill Book Company, New York, 1952. \$20.00 for two volumes.
- SCIENCE AND HUMANISM. Physics in our Time. By E. Schrödinger. 67 pp. Cambridge University Press, New York, 1951. \$1.75.
- TEACHERS GUIDE BOOK FOR THE ELECTRONICS EDUCATOR. Prepared by Robert Stollberg. 35 pp. Dumville Manufacturing Company, Washington, D. C., 1952. \$4.00 (\$3.00 for teachers).
- ELIAS E. RIES, INVENTOR. By Estelle H. Ries. 369 pp. Philosophical Library, Inc., New York, 1952. \$4.75.
- THE THEORY OF ATOMIC SPECTRA (Reissue). By E. U. Condon and G. H. Shortley. 441 pp. Cambridge University Press, New York, 1952. \$11.00.
- GENERAL EDUCATION IN SCIENCE. Edited by I. Bernard Cohen and Fletcher G. Watson. 217 pp. Harvard University Press, Cambridge, Massachusetts, 1952. \$4.00.
- FRENCH-ENGLISH SCIENCE DICTIONARY (Second Edition). By Louis DeVries. 596 pp. McGraw-Hill Book Company, New York, 1952. \$6.50.