

Employment in Earth Sciences

The United States Department of Labor, Bureau of Labor Statistics, in cooperation with the Veterans Administration, has published a 38-page booklet describing employment opportunities in geology, geophysics, oceanography, meteorology, and geography. *Employment Outlook for Earth Scientists*, Bulletin No. 1050, can be ordered from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., for 30 cents.

OTS Bibliography

Each month the Office of Technical Service releases through the *Bibliography of Technical Reports* those reports on scientific and technical research supported or carried on by the federal government which are cleared of secrecy restrictions. Available on a subscription basis (\$5.00 per year), the *Bibliography* can be obtained from the Office of Technical Services of the U. S. Department of Commerce, Washington 25, D. C. Checks should be made out to the Treasurer of the United States.

Scientific Periodicals' Index

The third revised edition of the *World List of Scientific Periodicals* has recently been published by Butterworths Scientific Publications, London, and Academic Press Inc., New York. The bibliography covers the period from 1900 to 1950 and includes titles of new journals published during the past two decades since the second edition came out. Edited by William A. Smith, Francis L. Kent, and George B. Stratton, this reference work contains some 50,000 entries and is priced at \$37.00.

X-Ray Spectrograph Chart

Research and Control Instruments Division, North American Philips Company, Mount Vernon, N. Y., offers gratis a 17 by 22-inch x-ray spectrograph chart showing the characteristic secondary x-ray beams for each of the eighty-two elements from sodium to uranium.

Books Received

INFRARED IN RELATION TO SKIN AND UNDERLYING TISSUE. A Bibliography. Compiled by Ursula Fleck. 20 pp. Library of Congress, Washington, D. C., 1952. \$0.25.

FUNDAMENTALS OF ENGINEERING ELECTRONICS. By William G. Dow. 627 pp. John Wiley and Sons, Inc., New York, 1952. \$8.50.

GALILEO. First Observer of Marvelous Things. By Elma Ehrlich Levinger. 180 pp. Julian Messner, Inc., New York, 1952. \$2.75.

AN INTRODUCTION TO SCIENTIFIC RESEARCH. By E. Bright Wilson, Jr. 375 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$6.00.

PHOTOELECTRIC TUBES. By A. Sommer. 118 pp. Methuen and Co., Ltd., London; John Wiley and Sons, Inc., New York, 1952. \$1.90.

THE RADIANT UNIVERSE. By George W. Hill. 489 pp. Philosophical Library, New York, 1952. \$4.75.

MODERN RADIOCHEMICAL PRACTICE. By G. B. Cook and J. F. Duncan. 407 pp. Oxford University Press, New York, 1952. \$8.50.

ESSENTIALS OF MICROWAVES. By Robert B. Muchmore. 236 pp. John Wiley and Sons, Inc., New York, 1952. \$4.50.

BASIC METHODS IN TRANSFER PROBLEMS. Radiative Equilibrium and Neutron Diffusion. By V. Kourganoff with the collaboration of I. W. Busbridge. 281 pp. Oxford University Press, New York, 1952. \$7.00.

FATIGUE AND FRACTURE OF METALS. A Symposium held at the Massachusetts Institute of Technology, June 1950. Edited by William M. Murray. 313 pp. The Technology Press, MIT and John Wiley and Sons, Inc., New York, 1952. \$6.00.

METHODS OF STATISTICAL ANALYSIS (Second Edition). By Cyril H. Goulden. 467 pp. John Wiley and Sons, Inc., New York, 1952. \$7.50.

INTRODUCTION TO THE THEORY OF GAMES. By J. C. C. McKinsey. 371 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$6.50.

MESONS. A Summary of Experimental Facts. By Alan M. Thorndike. 242 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$5.50.

DEVELOPMENT OF THE GUIDED MISSILE. By Kenneth W. Gatland. 133 pp. A Flight Publication, London; Philosophical Library, Inc., New York, 1952. \$3.75.

ELASTICITY IN ENGINEERING. By Ernest E. Sechler. 419 pp. Galcit Aeronautical Series. John Wiley and Sons, Inc., New York, 1952. \$8.50.

THEORY OF ELECTRIC POLARISATION. By C. J. F. Böttcher. 492 pp. Elsevier Publishing Company, Houston, Texas, 1952. \$10.00.

SCIENCE MAGIC. By Kenneth M. Swezey. 182 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$3.75.

METALLURGICAL EQUILIBRIUM DIAGRAMS. By W. Hume-Rothery, J. W. Christian, and W. B. Pearson. 311 pp. The Institute of Physics, London, England, 1952. 50s.

THERMAL DIFFUSION IN GASES. By K. E. Grew and T. L. Ibbs. 143 pp. Cambridge University Press, New York, 1952. \$4.50.

ADVANCED MECHANICS OF MATERIALS (Second Edition). By Fred B. Seely and James O. Smith. 680 pp. John Wiley and Sons, Inc., New York, 1952. \$8.50.

MECHANICS. Lectures on Theoretical Physics. Vol. I. By Arnold Sommerfeld. Translated from the Fourth German Edition by Martin O. Stern. 289 pp. Academic Press Inc., New York, 1952. \$6.50.

TEXTBOOK OF ENGINEERING MATERIALS. By Melvin Nord. 518 pp. John Wiley and Sons, Inc., New York, 1952. \$6.50.

THE ELEMENTS OF NUCLEAR REACTOR THEORY. By Samuel Glasstone and Milton C. Edlund. 416 pp. D. Van Nostrand Co., Inc., New York, 1952. \$4.80.

THERMIONIC VACUUM TUBES AND THEIR APPLICATIONS. By W. H. Aldous and Edward Appleton. 160 pp. Methuen and Co., Ltd., London; John Wiley and Sons, Inc., New York, 1952. \$2.00.

HEAT TRANSFER PHENOMENA. The Flow of Heat in Physical Systems. By R. C. L. Bosworth. 211 pp. Associated General Publications PTY., Ltd., Sydney, Australia; John Wiley and Sons, Inc., New York, 1952. \$6.00.