

BOOKS RECEIVED

Probleme Plane in Teoria Elasticității, Vol. 1. By P. P. Teodorescu. 995 pp. Editura Academiei Republicii Populare Romine, Bucharest, Romania, 1961. Lei 42,80.

Temperature: Its Measurement and Control in Science and Industry, Volume 3. Charles M. Herzfeld, ed. Part 2, Applied Methods and Instruments, edited by A. I. Dahl. 1094 pp. Reinhold Publishing Corp., New York, 1962. \$29.50.

Chromium, Part A, Section 1, System No. 52. Gmelins Handbuch der Anorganischen Chemie (8th ed.). 418 pp. Verlag Chemie GmbH, Weinheim, Germany, 1962. \$79.00.

Dynamics. Vol. 2, Systems, Variational Methods, and Relativity. By Robert L. Halfman. 584 pp. Addison-Wesley Publishing Co., Inc., Reading, Mass., 1962. \$6.00.

Mathematical Methods in Physics and Engineering. By John W. Dettman. 323 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$9.75.

Electromagnetics and Fluid Dynamics of Gaseous Plasma. Symp. Proc. (New York, April 1961). 468 pp. Polytechnic Press, New York, 1962. Distr. by Interscience, New York. \$8.00.

Vectors, Tensors, and the Basic Equations of Fluid Mechanics. By Rutherford Aris. 286 pp. Prentice-Hall, Inc., Englewood Cliffs, N. J., 1962. \$9.00.

The Design of Engineering Systems. By W. Gosling. 247 pp. John Wiley & Sons, Inc., New York, 1962. \$9.25.

Ionospheric Radio. Proc. of 13th URSI Gen'l Assembly (London, September 1960). W. J. G. Beynon, ed. 264 pp. American Elsevier Publishing Co., Inc., New York, 1962. \$12.00.

The Age of Electronics. Lincoln Laboratory Decennial Lectures. Carl F. J. Overhage, ed. 218 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$7.95.

Reproduction of Sound. By Edgar Villchur. 93 pp. Acoustic Research, Inc., Cambridge, 1962. Paperbound \$2.00.

Static Power Convertors. Performance and Application. By Robert Wells. 276 pp. John Wiley & Sons, Inc., New York, 1962. \$7.00.

Principles of Aeroelasticity. By Raymond L. Bisplinghoff and Holt Ashley. 527 pp. John Wiley & Sons, Inc., New York, 1962. \$25.00.

Shock Waves in Chemistry and Physics. By John N. Bradley. 370 pp. (Methuen, London) John Wiley & Sons, Inc., New York, 1962. \$11.00.

This Universe of Space. By Peter M. Millman. 117 pp. Schenkman Publishing Co., Inc., Cambridge, Mass., 1962. Paperbound \$1.95.

Elasticity, Fracture and Flow with Engineering and Geological Applications (2nd ed.). By J. C. Jaeger. 208 pp. (Methuen, London) John Wiley & Sons, Inc., New York, 1962. \$3.00.

Reflection and Refraction of Progressive Seismic Waves. By L. Cagniard. Transl. from French by Edward A. Flinn and C. Hewitt Dix. 282 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$11.00.

Radio-Wave Propagation in the Troposphere. Meeting Proc. (London, Sept. 1961). J. A. Saxton, ed. 199 pp. American Elsevier Publishing Co., Inc., New York, 1962. \$8.75.

High Speed Testing, Volume 3. Symp. Proc. (Boston, Oct. 1961). 104 pp. Interscience Division, John Wiley & Sons, Inc., New York, 1962. \$5.00.

The Space Industry. America's Newest Giant. By the Editors of Fortune. 178 pp. Prentice-Hall, Inc., Englewood Cliffs, N. J., 1962. \$4.95.

International Directory of Radioisotopes (2nd ed.). Part 1, Unprocessed and Processed Radioisotope Preparations and Special Radiation Sources; Part 2, Compounds of Carbon-14, Hydrogen-3, Iodine-131, Phosphorus-32 and Sulphur-35. 697 pp. IAEA, Vienna, 1962. Distr. in US by Internat'l Publications, Inc. \$9.00.

The Fourier Integral and Its Applications. By Athanasios Papoulis. 318 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$10.75.

Applied Mechanics. Congress Proc. (Stresa, Italy, 1960). F. Rolla and W. T. Koiter, eds. 370 pp. American Elsevier Publishing Co., Inc., New York, 1962. \$18.00.

Calculus. Vol. 2, Calculus of Several Variables with Applications to Probability and Vector Analysis. By Tom M. Apostol. 525 pp. Blaisdell Publishing Co., Inc., New York, 1962. \$8.50.

Chemical Rocket Propulsion and Combustion Research. By S. S. Penner. 158 pp. Gordon & Breach, Inc., New York, 1962. \$5.75.

Research on Controlled Thermonuclear Fusion. Bibliographical Series No. 7. 682 pp. IAEA, Vienna, 1962. Distr. in US by Internat'l Publications, Inc. Paperbound \$4.00.

Introduction to Radar Systems. By Merrill I. Skolnik. 648 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$14.50.

Skyhooks. By Kurt R. Stehling and William Beller. 264 pp. Doubleday & Co., Inc., Garden City, N. Y., 1962. \$4.95.

Intelligent Machines. An Introduction to Cybernetics. By D. A. Bell. 98 pp. Blaisdell Publishing Co., New York, 1962. \$2.95.

Programming and Utilizing Digital Computers. By Robert Steven Ledley. 568 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$12.50.

Delay Tables for Finite- and Infinite-Source Systems. By A. Descloux. 440 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$15.00.

Advances in Catalysis and Related Subjects, Volume 13. D. C. Eley, P. W. Selwood, Paul B. Weisz, eds. 458 pp. Academic Press Inc., New York, 1962. \$15.00.

Transistor Engineering and Introduction to Integrated Semi-Conductor Circuits. By Alvin B. Phillips. 373 pp. McGraw-Hill Book Co., Inc., New York, 1962. \$12.00.

Fifty Years of X-Ray Diffraction. Internat'l Union of Crystallography Commemoration Meeting (Munich, July 1962). P. P. Ewald, ed. 720 pp. N. V. A. Oosthoek Publishing Co., Utrecht, The Netherlands, 1962. \$11.25.