

BOOKS RECEIVED

ASTRONOMY & ASTROPHYSICS

International Conference on Cosmic Rays Volume 3. Conf. Proc. (Jaipur, December 1963) R. R. Daniel, et al., eds. 510 pp. Marg, Bombay, India.

Dynamics of Stellar Systems. By K. F. Ogorodnikov. Transl. from the Russian by J. B. Sykes. 353 pp. Pergamon, Oxford 1965. \$15.00.

BIOPHYSICS & MEDICAL PHYSICS

Radioisotopes in Animal Nutrition and Physiology. Symp. Proc. (Prague, Nov. 1964) 874 pp. International Atomic Energy Agency, Vienna, 1965. Paper \$9.00.

The Code of Life. By Ernest Borek. 226 pp. Columbia University Press, New York, 1965. \$5.95.

Theoretical and Mathematical Biology. Talbot H. Waterman and Harold J. Morowitz, eds. 426 pp. Blaisdell, New York, 1965. \$12.50.

CHEMISTRY & CHEMICAL PHYSICS

Solid Organoalkali Metal Reagents. A New Chemical Theory for Ionic Aggregates. By Avery A. Morton. 248 pp. Gordon & Breach, New York, 1964. \$14.50; professional edition \$7.50.

Beryllium Oxide. R. Smith and J. P. Howe, eds. Conf. Proc. (Sydney, Oct. 1963) 498 pp. North-Holland, Amsterdam, 1964. \$28.00.

Radiochemical Methods of Analysis, Volume 1 Symp. Proc. (Salzburg, Oct. 1964) 433 pp. International Atomic Energy Agency, Vienna, 1965. \$9.00.

Introduction à l'Emploi de Rayonnements en Chimie physique. Vol. 1, Cheminement des Particules chargées. By Yvette Cauchois and Yvonne Heno. 271 pp. Gauthier-Villars, Paris, 1964. Paper 52 F.

New Physical and Chemical Properties of Metals of Very High Purity. Conf. Proc. (Paris, Oct. 1959). 486 pp. Gordon & Breach, New York, 1965. \$24.50.

EXPERIMENTAL TECHNIQUES

Fundamentals of Vacuum Science and Technology. By Gerhard Lewin. 248 pp. McGraw-Hill, New York, 1965. \$11.50.

An Introduction to Counting Techniques and Transistor Circuit Logic. By K. J. Dean. 223 pp. Reinhold, New York, 1964. \$6.75.

Advances in Control Systems Theory and Applications, Volume 1. C. T. Leondes, ed. 357 pp. Academic, New York, 1964. \$13.00.

Physico-Chemical Calculations in Science and Industry. By H. Fromherz. Transl. by G. H. Kinner. 355 pp. Butterworths, London, 1964. \$16.95.

Unit Processes in Hydrometallurgy. Conf. Proc. (Dallas, 1963). Milton E. Wadsworth and Franklin T. Davis, eds. 992 pp. Gordon & Breach, New York, 1964. Cloth \$47.50; paper \$28.50.

Histological Techniques for Electron Microscopy. (2nd ed.) By Daniel C. Pease. 381 pp. Academic, New York, 1964. \$9.50.

Integrated Circuits. Design Principles and Fabrication. Raymond M. Warner, Jr., ed. 385 pp. McGraw-Hill, New York, 1965. \$12.50.

Radio Spectrum Utilization. A Program for the Administration of the Radio Spectrum. 272 pp. Institute of Electrical and Electronics Engineers, New York, 1964. \$10.00.

Power Traveling-Wave Tubes. By J. F. Gittins. 276 pp. American Elsevier, New York, 1965. \$10.00.

Handbook of Vacuum Physics. Vol. 3, Technology. A. H. Beck, ed. 191 pp. Pergamon, Oxford, 1965. Paper \$6.00.

Electron and Ion Beam Science and Technology. Conf. Proc. (Toronto, May 1964) Robert Bakish, ed. 945 pp. John Wiley, New York, 1965. \$24.50.

Progress in Radio Science 1960-1963. Vol. 3, Space Radio Science. Conf. Proc. (Tokyo, Sept. 1963). Ken-Ichi Maeda and Samuel Silver, eds. 235 pp. American Elsevier, New York, 1965. \$13.50.

Electromagnetics in Space. Antenna Considerations as Related to Space Communications. Karl R. Spangenberg, ed. 277 pp. McGraw-Hill, New York, 1965. \$15.00.

GENERAL

Modern Science and Technology. Robert Colborn, ed. 746 pp. Van Nostrand, Princeton, N. J., 1965. \$22.50.

GEOPHYSICS & EARTH SCIENCES

Advances in Geophysics, Volume 10. H. E. Landsberg and J. Van Miegem, eds. 488 pp. Academic, New York, 1964. \$16.50.

Bores, Breakers, Waves, and Wakes. An Introduction to the Study of Waves on Water. By R. A. R. Tricker. 250 pp. American Elsevier, New York, 1965. \$6.50.

Auroral Phenomena. Experiments and Theory. Symp. Proc. (Stanford, Calif., Jan. 1964) Martin Walt, ed. 170 pp. Stanford University Press, Stanford, Calif., 1965. \$6.50.

The Gulf Stream. A Physical and Dynamical Description. (2nd ed.) By Henry Stommel. 248 pp. (Cambridge University Press, London) University of California Press, Berkeley, 1965. \$6.00.

Fresh Water From the Sea. Conf. Proc. (Milan, April 1964). Alberto Girelli, ed. 179 pp. Pergamon, New York, 1965. \$9.00.

Elements of Cloud Physics. By Horace Robert Byers. 191 pp. University of Chicago Press, Chicago, 1965. \$7.50.

HANDBOOKS, TABLES, ETC.

Handbook of X-Ray Analysis of Polycrystalline Materials. By Lev Iosifovich Mirkin. Transl. from Russian by J. E. S. Bradley. 731 pp. Consultants Bureau, New York, 1964. \$35.00.

Handbook of Electron Tube and Vacuum Techniques. By Fred Rosebury. 595 pp. Addison-Wesley, Reading, Mass., 1965. \$17.50.

Tables for the Energy and Photon Distribution in Equilibrium Radiation Spectra. By P. A. Apanasevich, V. S. Aizenshtadt. Transl. from the Russian by Prasenjit Basu. Transl. edited by J. Adler. 250 pp. (Pergamon, Oxford) Macmillan, New York, 1965. \$12.75.

Technische Kustgriffe bei physikalischen Untersuchungen. By Herman Ebert. 472 pp. Vieweg, Braunschweig, 1964. DM 24.80.

Landolt-Börnstein. Zahlenwerte und Funktionen aus Naturwissenschaften und Technik. By K. H. Hellwege. Gruppe VI, Band 1: Astronomie, Astrophysik, und Weltraumforschung. 709 pp. Springer-Verlag, Berlin and New York, 1965. DM 314.

McGraw-Hill Yearbook of Science and Technology. Comprehensive Coverage of the Important Events of 1964 as Compiled by the Staff of the McGraw-Hill Encyclopedia of Science and Technology. 454 pp. McGraw-Hill, New York, 1965. \$22.50.

Naval Reactors Physics Handbook. Vol. 1, Selected Basis Techniques. A. Radkowsky, ed. 1545 pp. United States Atomic Energy Commission, Washington, D. C., 1964.

HISTORY & PHILOSOPHY OF SCIENCE

Mirrors, Prisms and Lenses. A Text-Book of Geometrical Optics. By James P. C. Southall. (Reprint of 1933 ed.) 806 pp. Dover, New York, 1964. Paper \$3.50.

Collected Papers on Acoustics. By Wallace Clement Sabine. (Reprint of 1922 ed.) 279 pp. Dover, New York, 1964. Paper \$2.00.

Tizard. By Ronald W. Clark. 458 pp. MIT Press, Cambridge, Mass., 1965. \$10.00.