

BOOKS RECEIVED

- RELATIVISTIC ELECTRON THEORY. By M. E. Rose. 302 pp. John Wiley & Sons, Inc., New York, 1961. \$9.50.
- DOVER REPRINTS: *The Theory of Equations with an Introduction to the Theory of Binary Algebraic Forms* (reprint of 1912 ed.), by William Snow Burnside and Arthur Willim Panton, Vol. 1, 286 pp., Vol. 2, 318 pp., \$1.85 each; *A Treatise on the Differential Geometry of Curves and Surfaces* (reprint of 1909 ed.), by Luther Pfahler Eisenhart, 474 pp., \$2.75; *Advanced Euclidean Geometry: An Elementary Treatise on the Geometry of the Triangle and the Circle* (reprint of 1929 ed.), by Roger A. Johnson, 319 pp., \$1.65; *Elements of Projective Geometry* (reprint of 1913 ed.), by Luigi Cremona, transl. by Charles Leudesdorf, 302 pp., \$1.75; *Theory of Maxima and Minima* (reprint of 1917 ed.), by Harris Hancock, 193 pp., \$1.50. Dover Publications, Inc., New York, 1960. All paperbound.
- INTRODUCTION À LA CHIMIE NUCLÉAIRE. By Jean Govaerts. 468 pp. Dunod, Paris, 1961. 69 NF.
- MODERN FLIGHT DYNAMICS. By W. Richard Kolk. 288 pp. Prentice-Hall, Inc., Englewood Cliffs, N. J., 1961. \$10.00.
- APPLIED OPTICS AND OPTICAL DESIGN, Part 2. By A. E. Conrady. Edited and completed by Rudolf Kingslake. 323 pp. Dover Publications, Inc., New York, 1960. Paperbound \$2.95.
- X-RAY MICROSCOPY. By V. E. Cosslett and W. C. Nixon. 406 pp. Cambridge U. Press, New York, 1960. \$15.00.
- FREE-WILL AND DETERMINISM. By Allan M. Munn. 218 pp. U. of Toronto Press, Toronto, 1960. \$6.00.
- LINEAR GRAPHS AND ELECTRICAL NETWORKS. By Sundaram Seshu and Myril B. Reed. 315 pp. Addison-Wesley Publishing Co., Inc., Reading, Mass., 1961. \$9.75.
- TRANSISTOR CIRCUIT ANALYSIS. By Maurice V. Joyce and Kenneth K. Clarke. 461 pp. Addison-Wesley Publishing Co., Inc., Reading, Mass., 1961. \$10.75.
- PHYSICS OF SEMICONDUCTORS. By A. F. Ioffe. 436 pp. Academic Press Inc., New York, 1960. \$12.50.
- X-RAY MICROSCOPY AND X-RAY MICROANALYSIS. Symp. Proc. (Stockholm, 1960). A. Engström, V. Cosslett, H. Pattee, eds. 542 pp. Elsevier Publishing Co., Amsterdam, 1960. Distributed in US by D. Van Nostrand Co., Inc., New York. \$20.00.
- THE ROTATION OF THE EARTH. A Geophysical Discussion. By Walter H. Munk and Gordon J. F. Macdonald. 323 pp. Cambridge U. Press, New York, 1960. \$13.50.
- PLANETS, STARS, AND GALAXIES. An Introduction to Astronomy. By Stuart J. Inglis. 474 pp. John Wiley & Sons, Inc., New York, 1961. \$6.75.
- NUCLIDIC MASSES. Conf. Proc. (McMaster U., Hamilton, Canada, Sept. 1960). H. E. Duckworth, ed. 540 pp. U. of Toronto Press, Toronto, 1960. \$10.00.
- SCIENTIFIC RUSSIAN. A Textbook for Classes and Self-Study (2nd ed.). By James W. Perry. 565 pp. Interscience Publishers, Inc., New York, 1961. \$9.50.
- THE THEORY OF TRANSITION-METAL IONS. By J. S. Griffith. 455 pp. Cambridge U. Press, New York, 1961. \$17.50.
- CARTESIAN TENSORS. An Introduction. By G. Temple. 92 pp. (Methuen, London) John Wiley & Sons, Inc., New York, 1960. \$2.75.
- LIQUID ROCKETS AND PROPELLANTS. Loren E. Bollinger, Martin Goldsmith, Alexis W. Lemmon, Jr., eds. Vol. 2 of Progress in Astronautics and Rocketry, Martin Summerfield, ed. 682 pp. Academic Press Inc., New York, 1960. \$6.50.
- AUFSÄTZE UND VORTRÄGE ÜBER PHYSIK UND ERKENNTNIS-THEORIE. By Wolfgang Pauli. 183 pp. Friedr. Vieweg & Sohn, Braunschweig, Germany, 1961. DM 19.80.
- CALCULUS OF FINITE DIFFERENCES (4th ed.). By George Boole. J. F. Moulton, ed. 336 pp. Chelsea Publishing Co., New York, 1960. Paperbound \$1.39, clothbound \$3.95.
- NMR AND EPR SPECTROSCOPY. Papers from Varian's Annual Workshop (Palo Alto, Calif., Oct. 1959). 288 pp. Pergamon Press, New York, 1960. \$12.00.
- VISCOELASTIC PROPERTIES OF POLYMERS. By John D. Ferry. 482 pp. John Wiley & Sons, Inc., New York, 1961. \$15.00.
- RUSSIAN FOR SCIENTISTS. By Dennis Ward. 204 pp. The Macmillan Co., New York, 1961. \$3.95.
- HALBLEITERPROBLEME, Vol. 5. Fritz Sauer, ed. 343 pp. Friedr. Vieweg & Sohn, Braunschweig, Germany, 1960. DM 48.00.
- MODERN MATHEMATICS FOR THE ENGINEER, Second Series. Edwin F. Beckenbach, ed. 456 pp. McGraw-Hill Book Co., Inc., New York, 1961. \$9.50.
- RÖNTGENSTRAHLINTERFERENZEN (3rd ed.). By Max von Laue and E. H. Wagner. 476 pp. Akademische Verlagsgesellschaft mbH, Frankfurt am Main, Germany, 1960. DM 75.00.
- FORTSCHRITTE DER HOCHFREQUENZTECHNIK, Vol. 4. J. Zenneck, M. Strutt, F. Vilbig, eds. 321 pp. Akademische Verlagsgesellschaft mbH, Frankfurt am Main, Germany, 1959. DM 42.00.
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- THE MOON. Our Nearest Celestial Neighbour. By Zdeněk Kopal. 131 pp. Academic Press Inc., New York, 1960. \$4.50.
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- ESSENTIALS OF DIELECTROMAGNETIC ENGINEERING. An Introduction to the Thinking in and the Use of Ferrites and High-Permittivity Dielectrics. By H. M. Schlicke. 242 pp. John Wiley & Sons, Inc., New York, 1961. \$9.50.
- NOTES ON QUANTUM MECHANICS. A Course Given by Enrico Fermi. 171 pp. U. of Chicago Press, Chicago, Ill., 1961. Paperbound \$1.50.
- INTRODUCTION TO THE THEORY OF IONIZED GASES. By J. L. Delcroix. Transl. from French by Melville Clark, Jr., David J. BenDaniel, Judith M. BenDaniel. No. 8 of Tracts on Physics and Astronomy, R. E. Marshak, ed. 149 pp. Interscience Publishers, Inc., New York, 1960. Paperbound \$2.50, clothbound \$4.50.
- LABORATORY WORKBOOK FOR BASIC PHYSICS. By Alexander Efron. 207 pp. John F. Rider Publisher, Inc., New York, 1961. Paperbound \$2.50.
- MATERIALS FOR NUCLEAR ENGINEERS. A. B. McIntosh and T. J. Heal, eds. 373 pp. Interscience Publishers, Inc., New York, 1960. \$11.85.