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THEORETICAL PHYSICISTS

(PHD or Equivalent)

NUCLEAR PHYSICS

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RE-ENTRY PHYSICS



Kaman Nuclear

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COLORADO SPRINGS, COLO.

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BOOKS RECEIVED

GENERAL

Penguin Science Survey 1964-A. Automation, Chemistry, Education, Mathematics, Physics, Space Research. Arthur Garratt, ed. 230 pp. Penguin Books, Baltimore, 1964. Paper \$1.65.

Tomorrow Was Yesterday. By Gert Westenhout, Charles H. Townes, Bruce Heezen, Chen Ning Yang, Severo Ochoa, and Gerard Piel. 91 pp. George Braziller, New York, 1964. \$3.50.

Science in Progress, 14th Series. Wallace R. Brode, ed. 286 pp. Yale University Press, New Haven, Conn., 1964. \$8.50.

ASTRONOMY & ASTROPHYSICS

The Lunar Surface Layer. Materials and Characteristics. John W. Salisbury and Peter E. Glaser, eds. 532 pp. Academic, New York, 1964. \$12.00.

Star Evolution, Course 28. Summer School Proc. (Varenna, Sept. 1962). L. Gratton, ed. 488 pp. Academic, New York, 1964. \$18.50.

ATOMIC & MOLECULAR PHYSICS

Atomic Collision Processes. Conf. Proc. (University College, London, July 1963). M. R. C. McDowell, ed. 1165 pp. (North-Holland, Amsterdam) Interscience, New York, 1964. \$38.50.

BIOPHYSICS & MEDICAL PHYSICS

Neural Theory and Modeling. Symp. Proc. (Ojai, Calif., 1962). Richard F. Reiss, ed. 127 pp. Stanford University Press, Stanford, Calif., 1964. \$13.50.

Physical Techniques in Biological Research. Vol. 5, Part A, Electrophysiological Methods. William L. Nastuk, ed. 460 pp. Academic, New York, 1964. \$16.00.

Manual of Experimental Electrophysiology. By I. C. Whitfield. 137 pp. (Pergamon, Oxford) Macmillan, New York, 1964. \$6.00.

The Natural Radiation Environment. John A. S. Adams and Wayne M. Lowder, eds. 1069 pp. Published for W. M. Rice University by the University of Chicago Press, Chicago, 1964. \$15.00.

Electronic Aspects of Biochemistry. Symp. Proc. (Ravello, Italy, Sept. 1963). Bernard Pullman, ed. 582 pp. Academic, New York, 1964. \$20.00.

CHEMISTRY & CHEMICAL PHYSICS

Infrared Spectroscopy of High Polymers. By Rudolf Zbinden. 264 pp. Academic, New York, 1964. \$9.50.

Physical Chemistry. By D. F. Eggers, Jr., et al. 783 pp. Wiley, New York, 1964. \$9.95.

Chromatographic Separation of the Lanthanide and Actinide Elements. Bibliographical Series, No. 11. 117 pp. International Atomic Energy Agency, Vienna, 1964. Distr. by International Publications, New York, Paper \$2.50.

Molecular Orbitals in Chemistry, Physics, and Biology. A Tribute to R. S. Mulliken. Per-Olov Löwdin and Bernard Pullman, eds. 578 pp. Academic, New York, 1964. \$22.00.

Nonsteady Flame Propagation. George H. Markstein, ed. 328 pp. (Pergamon, Oxford) Macmillan, New York, 1964. \$16.00.

Die chemische Bindung (2nd ed.). Drei Vorlesungen für Chemiker. By H. Hartmann. 109 pp. Springer-Verlag, Berlin, 1964. Paper DM 9.80.

Water and Solute-Water Interactions. By J. Lee Kavanau. 101 pp. Holden-Day, San Francisco, Calif., 1964. \$5.50.

Positronium Chemistry. By James Green and John Lee. 105 pp. Academic, New York, 1964. \$5.50.

Recent Progress in Surface Science, Volume 1. J. F. Danielli, K. G. A. Pankhurst, and A. C. Riddiford, eds. 414 pp. Academic, New York, 1964. \$16.00.

Numerical Problems in Advanced Physical Chemistry (2nd ed.). By J. H. Wolfenden, R. E. Richards, and E. E. Richards. 258 pp. Clarendon Press, Oxford, 1964. \$4.80.

Spectra-Structure Correlation. By John P. Phillips. 172 pp. Academic, New York, 1964. \$6.00.

The Mössbauer Effect and Its Applications in Chemistry. By V. I. Gol'danskii. Transl. from Russian. 119 pp. Consultants Bureau, New York, 1964. Paper \$12.50.

COMPUTATION & COMMUNICATION

Man, Memory, and Machines. An Introduction to Cybernetics. By Corinne Jacker. 126 pp. Macmillan, New York, 1964. \$3.95.

Sets, Events, and Switching. By Paul E. Pfeiffer. 131 pp. McGraw-Hill, New York, 1964. Cloth \$4.95; paper \$2.95.

Computer Programming: A Mixed Language Approach. By Marvin L. Stein and William D. Munro. 459 pp. Academic, New York, 1964. \$11.50.

The Elements of Feedback and Control. By A. M. Hardie. 344 pp. Oxford Univ. Press, London, 1964. \$8.80.

Information Theory, Statistical Decision Functions, Random Processes. Conf. Proc. (Prague, June 1962). 846 pp. Czechoslovak Academy of Sciences, Prague, 1964. Distr. in US by Academic, New York, 1964. \$26.00.