

NUCLEAR PHYSICIST

W A N T E D

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with which we actually come in contact. This symposium held in July 1954 at the famed Jodrell Bank Experimental Station of the University of Manchester was attended mainly by astronomers and physicists. Since large meteorites were not discussed, the geochemists, metallurgists, and geologists stayed home. On the other hand since many of the discussions dealt with meteors which are observed in the upper atmosphere, many radio physicists and upper atmosphere physicists made contributions. Most of the papers dealt with meteors, with the effects they produce in the upper atmosphere, their luminosity, and ionization. Some papers discussed the effects of meteors on the upper atmosphere, in particular the contribution of meteors to the ionization in the E-layer of the ionosphere. Up-to-date presentations were given on the problem of interplanetary dust particles, which cause the zodiacal light and the solar F-corona. Papers were also presented on meteor orbits and meteor streams. The unique feature of the symposium was the large attendance and the many contributions by meteor physicists from eastern Europe and the Soviet Union. In all, nearly 40 papers were presented and are reprinted in this volume.

Books Received

THE ANALYTICAL THEORY OF HEAT (Reprint of 1st translation). By Joseph Fourier. Translated by Alexander Freeman. 466 pp. Dover Publications, Inc., New York, 1955. Paperbound \$1.95.

GEOMETRY OF FOUR DIMENSIONS (Reprint of 1st Edition). By Henry Parker Manning. 348 pp. Dover Publications, Inc., New York, 1956. Clothbound \$3.95; paperbound \$1.95.

SYNCHROS, SELF-SYNCHRONOUS DEVICES AND ELECTRICAL SERVO-MECHANISMS (Second Printing). By Leonard R. Crow. 222 pp. The Scientific Book Publishing Co., Vincennes, Indiana, 1955. \$4.20.

THERMODYNAMICS AND STATISTICAL MECHANICS: Lectures on Theoretical Physics, Vol. V. By Arnold Sommerfeld. Translated by J. Kestin. 401 pp. Academic Press Inc., New York, 1956. \$7.00.

L'INTERPRÉTATION PHYSIQUE DE LA MÉCANIQUE ONDULAIRE ET DES THÉORIES QUANTIQUES. By Paulette Février. 211 pp. Gauthier-Villars, Paris, France, 1956. Paperbound \$9.28.

GENERAL ASPECTS OF THE USE OF RADIOACTIVE ISOTOPES: DOSIMETRY. Vol. 14 of Peaceful Uses of Atomic Energy; Proceedings of the Internat'l Conf. in Geneva, Aug. 1955. 305 pp. (United Nations) Columbia U. Press, New York, 1956. \$6.50.

THERMAL POWER FROM NUCLEAR REACTORS. By A. Stanley Thompson & Oliver E. Rodgers. 229 pp. John Wiley & Sons, Inc., New York, 1956. \$7.25.

ELECTRONS, WAVES AND MESSAGES. By John R. Pierce. 318 pp. Hanover House, Garden City, New York, 1956. \$5.00.

SURVEYS IN MECHANICS. Edited by G. K. Batchelor & R. M. Davies. 475 pp. Cambridge U. Press, New York, 1956.

ELEKTRISCHE VORGÄNGE IN GASEN UND IM VAKUUM (Hochschulbücher für Physik). By N. A. Kapzow. 699 pp. Veb Deutscher Verlag der Wissenschaften, Berlin, Germany, 1955.

PHYSICS OF FULLY IONIZED GASES. #3 of Interscience Tracts on Physics and Astronomy. By Lyman Spitzer, Jr. 105 pp. Interscience Publishers, Inc., New York, 1956. Clothbound \$3.50; paperbound \$1.75.

BOUNDARY LAYER EFFECTS IN AERODYNAMICS. Proceedings of a Symp. at National Physical Lab, Teddington, England, March-April 1955. 9 sections. H. M. Stationery Office, London, England, 1955. £1 10s.

CREEP AND FRACTURE OF METALS AT HIGH TEMPERATURES. Proceedings of a Symp. at National Physical Lab, Teddington, England, May-June 1954. 419 pp. H. M. Stationery Office, London, England, 1956. £1 10s.

CHIMIE PHYSIQUE NUCLÉAIRE APPLIQUÉE. By Jacques Errera. 226 pp. Masson et Cie, Paris, France, 1956. Paperbound 2.100 fr.

PROPAGATION DES ONDES DANS LES MILIEUX PÉRIODIQUES. By Léon Brillouin and Maurice Parodi. 348 pp. Masson et Cie & Dunod, Paris, France, 1956. Clothbound 4.600 fr.; paperbound 4.000 fr.

THÉORIE GÉNÉRALE DE L'ÉQUATION MATHIEU. By Robert Campbell. 272 pp. Masson et Cie, Paris, France, 1955. Clothbound 2.900 fr.; paperbound 2.400 fr.

CHAMPS DE VECTEURS ET DE TENSEURS: Introduction à l'électro-magnétisme. By Edmond Bauer. 204 pp. Masson et Cie, Paris, France, 1955. Paperbound 2.200 fr.

GENETICS IN THE ATOMIC AGE. By Charlotte Auerbach. 106 pp. Essential Books, Inc., Fair Lawn, N. J., 1956. \$2.00.

FASTER, FASTER: A Simple Description of a Giant Electronic Calculator. By W. J. Eckert and Rebecca Jones. 160 pp. McGraw-Hill Book Co., Inc., New York, 1955. \$3.75.

THE WORLD OF ATOMS: An Introduction to Physical Science. By J. J. G. McCue. 659 pp. The Ronald Press Co., New York, 1956. \$6.50.

TECHNIQUES GÉNÉRALES DU LABORATOIRE DE PHYSIQUE (2nd Revised Edition). Vol. 1. Edited by J. Surugue. 671 pp. Service des Publications du Centre National de la Recherche Scientifique, Paris, France, 1955. 2.400 fr.

ILLUMINATING ENGINEERING COURSE. By H. Zijl. 241 pp. (Philips' Technical Library, Holland) Distributors: Elsevier Press, Houston, Tex., 1955. \$4.50.

THE LANGUAGE OF MODERN PHYSICS: An Introduction to the Philosophy of Science. By Ernest H. Hutten. 278 pp. (George Allen & Unwin Ltd., England) The Macmillan Co., New York, 1956. \$3.75.

TRANSISTORS I. 676 pp. RCA Laboratories, Princeton, N. J., 1956. \$4.50.

HIGH-TEMPERATURE TECHNOLOGY. Edited by I. E. Campbell. 526 pp. John Wiley & Sons, Inc., New York, 1956. \$15.00.

ELEMENTARY DIFFERENTIAL EQUATIONS. By William Ted Martin and Eric Reissner. 260 pp. Addison-Wesley Publishing Co., Inc., Cambridge, Mass., 1956. \$5.50.

THE MEANING OF RELATIVITY (Fifth Edition). By Albert Einstein. 169 pp. Princeton U. Press, Princeton, N. J., 1955. \$3.75.

RECORD OF THE CONFERENCE. Vol. 16 of Peaceful Uses of Atomic Energy; Proceedings of the Internat'l Conf. in Geneva, August 1955. 203 pp. (UN) Columbia U. Press, New York, 1956. \$5.00.

SURVEYS IN MECHANICS: The G. I. Taylor 70th Anniversary Volume. Edited by G. K. Batchelor and R. M. Davies. 475 pp. Cambridge U. Press, New York, 1956. \$9.50.

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