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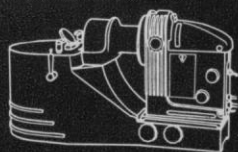
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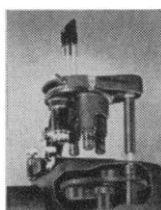
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Mason), on pathological changes in rats (Metcalf and Inda), on blood chemistry in dogs (Fink), on finger-ridge detail in humans (Harvey), and on mutations in fruit flies (Caspari and Stern, Uphoff and Stern).

The last part deals with fast neutron irradiation procedure (McDonald) and the clinical, pathological, and hematological effects of chronic irradiation of rats, rabbits, and dogs with neutrons (Ely, Ross, Metcalf, Inda, Barnett, and Casarett).

All chapters are based either on MDDC or UR reports, some prepared as early as 1946 and some published in journals in the period 1947-49. There are no integrative chapters because

Delays in preparation and publication permitting the appearance of other reports allowed it to become evident that only more general integration would be of real value and that this would require a separate work. Consequently, each chapter refers separately to other investigations according to the results available when it was written.

For these reasons this volume will be more valuable in the institution library than on the private bookshelf.

IRWIN H. HERSKOWITZ

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New Books

Exploring Mars. Robert S. Richardson. McGraw-Hill, New York-London, 1954. 261 pp. \$4.

Nuclear Geology. A symposium on nuclear phenomena in the earth sciences. Wiley, New York; Chapman & Hall, London, 1954. 414 pp. \$7.

The Mathematical Practitioners of Tudor and Stuart England. E. G. R. Taylor. Cambridge Univ. Press, New York 22, 1954. 443 pp. \$9.50.

Underwater Photography and Television. A handbook of equipment and techniques. E. R. Cross. Exposition Press, New York, 1954. 258 pp. \$6.

The Human Brain. John Pfeiffer. Harper, New York, 1955. 273 pp. \$3.75.

Applied Geophysics in the Search for Minerals. A. S. Eve and D. A. Keys. Cambridge Univ. Press, New York 22, ed. 4, 1954. 382 pp. \$7.50.

Vitamins and Hormones. Advances in research and applications. vol. XII. Robert S. Harris, G. F. Marrian, and Kenneth V. Thimann, Eds. Academic Press, New York, 1954. 305 pp. \$7.50.

Laboratory Instrumentation in Psychology. William W. Grings. National Press, Palo Alto, Calif., 1954. 282 pp. \$4.75.

Existence Theorems for Ordinary Differential Equations. Francis J. Murray and Kenneth S. Miller. New York Univ. Press, New York, 1954 (Distr. by Interscience). 154 pp. \$5.

Man and His Motives. An approach to adjustment and motivation. Ernest Windle and James W. Marsh. Exposition Press, New York, 1954. 197 pp. \$3.

From Classical to Modern Chemistry. Some historical sketches. A. J. Berry. Cambridge Univ. Press, New York 22, 1954. 251 pp. \$4.75.

Some Fundamentals of Petroleum Geology. G. D. Hobson. Oxford Univ. Press, London-New York, 1954. 139 pp. \$2.90.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to *Science*, but to the publisher or agency sponsoring the publication.)

A Dictionary of Electronic Terms. Concise definitions of words used in radio, television & electronics. Gordon R. Partridge, Ed. Allied Radio Corp., Chicago 80, 1954. 72 pp. 25¢.

The Revision of Strategic Trade Controls. Fifth report to Congress on operations under the Mutual Defense Assistance Control Act of 1951 (Battle Act). Foreign Operations Administration, Washington 25, 1954 (Order from Supt. of Documents, GPO, Washington 25). 82 pp. 35¢.

Revision of the Flea Genus Peromyscopsylla. Misc. Coll., vol. 123, No. 4. Phyllis T. Johnson and Robert Traub. Smithsonian Inst., Washington 25, 1954. 68 pp.

The Challenge to Medical Education. Pamph. No. 214. Robert M. Cunningham, Jr. Public Affairs Committee, 22 East 38th St., New York, 1954. 28 pp. 25¢.

Shore Scleroscope Hardness Tests Made on Mohs' Scale Minerals from Talc to Quartz, Inclusive. Bruce W. Gilbert. Dept. of Mining and Metallurgical Engineering, Univ. of Illinois, Urbana, 1954. 23 pp.

Indian National Scientific Documentation Centre Report 1953-54. Natl. Physical Lab. of India, New Delhi 12, 1954. 17 pp.

Expert Committee on Health Education of the Public. First report. Tech. Rpt. Ser., No. 89. World Health Organization, Geneva, 1954 (Order from Columbia Univ. Press, New York 27). 41 pp. 25¢.

Symposium on Genetics of Population Structure. Pavia, Italy, 20-23 Aug. 1953. International Union of Biological Sciences, ser. B, No. 15. Adriano A. Buzzati-Traverso, Ed. Libreria Internazionale Garzanti, Palazzo Universitario, Pavia, 1954. 141 pp. \$2.30.

Transactions of the Royal Society of South Australia. vol. 77. Centenary vol. Royal Society of South Australia, Adelaide, 1954. 221 pp. £2, 2s.

Building Research in Canada. vol. 1, No. 7. Margaret A. Gerard, Ed. Div. of Building Research, Natl. Research Council, Ottawa, 1954. 40 pp.

An Experimental Investigation of the Mechanics of Plastic Deformation of Metals. E. G. Thomsen, C. T. Yang, and J. B. Bierbower. Univ. of Calif. Press, Berkeley 4, 1954. 55 pp. 75¢.

Art and Play Therapy. DPP 10. Emery I. Gondor. Doubleday, Garden City, N.Y., 1954. 61 pp. 95¢.

Nuclear Engineering—Part III. Chemical Engineering Progress Symposium Ser., vol. 50, No. 13. F. J. Van Antwerpen, Ed. Am. Inst. of Chem. Engrs, New York 36, 1954. 274 pp.

Modification of Wave Height due to Bottom Friction, Percolation, and Refraction. Tech. Memo. No. 45. C. L. Bretschneider and R. O. Reid. Beach Erosion Board, Corps of Engineers, Dept. of the Army, Washington 25, 1954. 36 pp.

The House-Fly. As a danger to health, its life history, and how to deal with it. Economic Ser., No. 1. British Museum (Natural History), London, ed. 6, 1954. 17 pp. 9d.

Tratamiento del Hexafluoruro de Uranio Gaseoso por Medio del Modelo Molecular de Potencia Inversa. Serie fisica, vol. 1, No. 3. Juan A. McMillan. Comision Nacional de la Energia Atomica, Buenos Aires, 1954. 6 pp.