

ory of real functions. It would also certainly be worth while to translate into English a good many of the remaining chapters of the Russian text.

ARTHUR ROSENTHAL  
Department of Mathematics,  
Purdue University

## New Books

*Topsoil and Civilization.* Tom Dale and Vernon Gill Carter. Univ. of Oklahoma Press, Norman, 1955. 270 pp. \$3.95.

*Instrument Engineering.* vol. III, *Applications of the Instrument Engineering Method*; pt. 1, *Measurement Systems*. Charles Stark Draper, Walter McKay, and Sidney Lees. McGraw-Hill, New York, 1955. 879 pp. \$17.50.

*Academic Freedom in Our Time.* Robert M. MacIver. Columbia Univ. Press, New York, 1955. 329 pp. \$4.

*Administrative Medicine.* Transactions of the Third Conference, 6-8 October 1954, Princeton, N.J. George S. Stevenson, Ed. Josiah Macy, Jr. Foundation, New York, 1955. 172 pp. \$3.

*Physical Techniques in Biological Research.* vol. 1, *Optical Techniques*. Gerald Oster and Arthur W. Pollister, Eds. Academic Press, New York, 1955. 564 pp. \$13.50.

*Nuclear Radiation Detectors.* J. Sharpe. Methuen, London; Wiley, New York, 1955. 179 pp.

*Alternatives to the H-Bomb.* A symposium organized by *The New Leader*. Anatole Shub, Ed. Beacon Press, Boston, 1955. 124 pp. Paper, \$1.

*Boltzmann's Distribution Law.* E. A. Guggenheim. North-Holland, Amsterdam; Interscience, New York, 1955. 61 pp. \$1.50.

*Niels Bohr and the Development of Physics.* Essays dedicated to Niels Bohr on the occasion of his seventieth birthday. W. Pauli, Ed. McGraw-Hill, New York; Pergamon, London, 1955. 195 pp. \$4.50.

*Principles and Applications of Physics.* Otto Blüh in collaboration with Joseph Denison Elder. Interscience, New York, 1955. 866 pp. \$7.

*Medical Research: A Midcentury Survey.* vol. I, *American Medical Research in Principle and Practice*; 765 pp. vol. II, *Unsolved Clinical Problems in Biological Perspective*; 740 pp. Little, Brown (for the American Foundation, New York 17), Boston, 1955. 2 vols., \$15.

*200 Miles Up.* The conquest of the upper air. J. Gordon Vaeth. Ronald Press, New York, ed. 2, 1955. 261 pp. \$5.

*Klinische Elektrokardiographie.* Max Holzmann. Thieme, Stuttgart, Germany, 1955. 687 pp. \$19.05.

*The Development of Academic Freedom in the United States.* Richard Hofstadter and Walter Metzger. Columbia Univ. Press, New York, 1955. 527 pp. \$5.50.

*Development and Differentiation—Biochemistry, Physiology, Methodology.* Experimental Cell Research, Supplement 3. Presented to John Runnström; arranged by T. Caspersson *et al.* Academic Press, New York, 1955. 416 pp. Paper, \$8.

*Classics of Biology.* August Pi Suñer; trans. by Charles M. Stern. Philosophical Library, New York, 1955. 337 pp. \$7.50.

*Almanac and Weather Forecaster.* Eric Sloane. Duell, Sloan and Pearce, New York; Little, Brown, Boston, 1955. 169 pp. \$3.50.

*How to Reduce Surely and Safely.* Herbert Pollack with Arthur D. Morse. McGraw-Hill, New York, 1955. 157 pp. \$2.95.

*The Odyssey of a Psychologist.* Pioneering experiences in special education, clinical psychology, and mental hygiene, with a comprehensive bibliography of the author's publications. J. E. Wallace Wallin. The author, 311 Highland Ave., Lyndalia, Wilmington 4, Del., 1955. 243 pp. Paper, \$2.50 (prepaid).

*Theory of Games as a Tool for the Moral Philosopher.* An inaugural lecture delivered in Cambridge on 2 December 1954. R. B. Braithwaite. Cambridge Univ. Press, New York, 1955. 75 pp. \$1.25.

*Vitamins and Hormones.* vol. XIII, *Advances in Research and Applications*. Robert S. Harris, G. F. Marrien, and Kenneth V. Thimann, Eds. Academic Press, New York, 1955. 382 pp. \$9.

*Molecular Beams.* K. F. Smith. Methuen, London; Wiley, New York, 1955 (ed. 2 of *Molecular Beams*, Ronald Fraser, 1937). 133 pp. \$2.

*Electronic Transformers and Circuits.* Reuben Lee. Wiley, New York, and Chapman & Hall, London, ed. 2, 1955. 360 pp. \$7.50.

*Reflections of a Physicist.* P. W. Bridgman. Philosophical Library, New York, ed. 2, 1955. 576 pp. \$6.

*Research Frontiers in Politics and Government.* Brookings lectures, 1955. Stephen K. Bailey, Herbert A. Simon, Robert A. Dahl, Richard C. Snyder, Alfred de Grazia, Malcolm Moos, Paul T. David, and David B. Truman. Brookings Institution, Washington, 1955. 240 pp. \$2.75.

*Acculturation.* Critical abstracts, North America. Stanford Anthropological Ser. No. 2. Bernard J. Siegel, Ed. Stanford Univ. Press, Stanford, Calif.; Geoffrey Cumerlege, Oxford Univ. Press, London, 1955. 231 pp. \$4.

*The ISCC-NBS Method of Designating Colors and a Dictionary of Color Names.* NBS Circular 553. National Bureau of Standards, Washington 25, 1955 (Order from Supt. of Documents, GPO, Washington 25). 158 pp. \$2.

*Aeroelasticity.* Raymond L. Bisplinghoff, Holt Ashley, and Robert L. Halfman. Addison-Wesley, Cambridge, Mass., 1955. 860 pp. \$14.50.

*A Solomon Island Society.* Kinship and leadership among the Siuai of Bougainville. Douglass L. Oliver. Harvard Univ. Press, Cambridge, Mass., 1955. 533 pp. \$10.

*Learning Across Cultures.* A study of Germans visiting America. Jeanne Watson and Ronald Lippit. Inst. for Social Research, Univ. of Michigan, Ann Arbor, 1955. 205 pp. \$3.

*Functional Analysis.* Frigyes Riesz and Béla Sz.-Nagy. Trans. from French ed. 2 by Leo F. Boron. Ungar, New York, 1955. 468 pp. \$10.

## Miscellaneous Publications

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

*Fishes of the Family Percophidae from the Coasts of Eastern United States and the West Indies, with Descriptions of Four New Species.* Proc. U.S. Natl. Museum, vol. 104, No. 3347. 17 pp. *An Anatomical Study of the Peregrine Megascolid Earthworm Pheretima Hupeiensis in the Eastern United States.* vol. 105, No. 3351. William C. Grant, Jr. 15 pp. *Populations of the Berycid Fish Family Polymixiidae.* vol. 105, No. 3356. Ernest A. Lachner. 17 pp. *The Honey-Guides.* Bull. 208. Herbert Friedmann. 292 pp. Smithsonian Institution, Washington, 1955.

*Social Science and Freedom, a Report to the People.* Eighth in a series of annual public lectures on problems of current interest in the social sciences, and of particular interest to the citizens of Minnesota. Social Science Research Center of the Graduate School, Univ. of Minnesota, Minneapolis, 1955. 59 pp.

*Scientists of Mexico.* UNESCO, Center of Scientific Cooperation for Latin America, Montevideo, Uruguay, ed. 2, 1955. 363 pp.

*The Blowflies of California, (Diptera: Calliphoridae).* Bull. of the California Insect Survey, vol. 4, No. 1. Maurice T. James. 34 pp. \$0.50. *The Carpenter Bees of California, (Hymenoptera: Apoidea).* No. 2. Paul D. Hurd, Jr. 37 pp. \$0.50. Univ. of California Press, Berkeley, 1955.

*The Schizaeaceae of the South of England in Early Tertiary Times.* Bull. of the British Museum (Natural History) Geology, vol. 2, No. 7. Marjorie E. J. Chandler. 24 pp. 15s. *A List of the Gold Coast Pteridophyta.* Bull. of the British Museum (Natural History) Botany, vol. 1, No. 6. C. D. Adams and A. H. G. Alston. 43 pp. 12s. *Some Himalayan Fungi.* Bull. of the British Museum (Natural History) Botany, vol. 1, No. 7. Frances L. Balfour-Browne. 30 pp. 10s. *The Morphology of the Head of the Hawfinch, (Coccothraustes Coccothraustes), with Special Reference to the Myology of the Jaw.* Bull. of the British Museum (Natural History) Zoology, vol. 2, No. 13. R. W. Simms. 25 pp. 8s. *The Polychaete Fauna of the Gold Coast.* Bull. of the British Museum (Natural History) Zoology, vol. 3, No. 2. Norman Tebbel. 90 pp. £1. *A Revision of the Family Epicriidae (Acarina—Mesostigmata).* Bull. of the British Museum (Natural History) Zoology, vol. 3, No. 4. G. Owen Evans. 32 pp. 10s. British Museum (Natural History), London, 1955.

*National Tuberculosis Association, Annual Report, April 1, 1954 to March 31, 1955.* The Association, New York 19, 1955. 45 pp.

*Forest Research in India 1950-51.* pt. 1, *The Forest Research Institute.* Govt. of India Press, Delhi, 1955. 127 pp. 15s.

*A Restudy of the Needs of California in Higher Education.* Prepared for the Liaison Committee of the Regents of the University of California and the California State Board of Education. California State Dept. of Education, Sacramento, 1955. 473 pp.