

Part II deals with the determination of the various elements, arranged alphabetically. The style of presentation follows a general pattern, with variations depending on the element discussed: separation, gravimetric, volumetric, colorimetric, potentiometric, and electrolytic methods, as well as special cases. Condensed abstracts of methods of determination are given, with selected references that direct the reader to the most reliable original publications for details. This method of presentation permits the inclusion of a great amount of information and avoids the danger of giving erroneously written procedures.

In addition, the book contains a brief table of densities and concentrations of the common acid and alkali solutions, a table of conversion factors, a selected bibliography, a subject index, and an author index.

In making the French text available in English, the translator has rendered the analytical chemist a great service.

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Yearbook of International Organizations, 1958-59. Published in official collaboration with the United Nations. Union of International Associations. Brussels, Belgium, 1958. 1269 pp. \$14.

This is a comprehensive guide to the various aspects of international cooperation. The subject matter is divided into six main sections—the United Nations; the European Community; other intergovernmental organizations; international non-governmental organizations; national organizations in consultative status with the United Nations, and national institutes of international affairs; there are English and French subject indexes, a list of initials, and a geographical index.

The entry for each organization gives its name, addresses, regional secretariats, representative at the United Nations in New York and Geneva, history, aims, members, structure, staff, and working languages; the names and nationalities of its officers; and its budget, activities (including congresses, past and future), and publications.

The *Yearbook* is published by the Union of International Associations. In the foreword, Wallace W. Atwood, Jr., director of the Office of International Relations, National Academy of Sciences of the United States, says, "Because of the growing importance of international organizations in the planning and execution of international programs, more and more people in governmental and private positions of responsibility, have occasion to seek accurate and up to date

information about these organizations. . . . Every embassy, foundation, research council, library, and agency of government concerned with international affairs should have one or more copies of the *Yearbook* for ready reference."

New Books

The Chemical Analysis of Foods and Food Products. Morris B. Jacobs. Van Nostrand, Princeton, N.J., ed. 3, 1958. 994 pp. \$13.75.

Classification and Indexing in Science. B. C. Vickery. Academic Press, New York; Butterworths, London, 1958. 202 pp. \$5.50.

Men of Science in America. The story of American science told through the lives and achievements of 20 outstanding men from earliest colonial times to the present day. Bernard Jaffe. Simon and Schuster, New York, rev. ed., 1958. 733 pp. \$6.95.

The Miami Years, 1809-1959. Walter Havighurst. Putnam's, New York, 1958. 254 pp. \$4.50.

Nuclear Engineering Handbook. Harold Etherington, Ed. McGraw-Hill, New York, 1958. 1872 pp. \$25.

The Orchestra of the Language. Ernest M. Robson. Yoseloff, New York, 1958. 206 pp. \$5.50.

Organic Syntheses with Isotopes. pt. II, *Organic Compounds Labelled with Isotopes of the Halogens, Hydrogen, Nitrogen, Oxygen, Phosphorus, and Sulfur.* Arthur Murray, III, and D. Lloyd Williams. Interscience, New York, 1958. 959 pp. \$25.

Polar Atmosphere Symposium. Held at Oslo, 2-8 July 1956. pt. 1, *Meteorology Section*; R. C. Sutcliffe, Ed.; 352 pp.; \$12. pt. II, *Ionospheric Section*; K. Weekes, Ed.; 225 pp.; \$10.50. Pergamon, New York and London, 1957.

Reproductive Physiology. Comparative reproductive physiology of domestic animals, laboratory animals and man. A. V. Nalbandov. Freeman, San Francisco, Calif., 1958. 271 pp. \$6.75.

Practical Clinical Biochemistry. Harold Varley. Interscience, New York; Heinemann, London, ed. 2, 1958. 643 pp. \$6.50.

Reversicon, A Medical Word Finder. J. E. Schmidt. Thomas, Springfield, Ill., 1958. 455 pp. \$7.50.

Russian-English Medical Dictionary. Stanley Jablonski. Ben S. Levine, Ed. Academic Press, New York, 1958. 434 pp. \$11.

Some Problems of Chemical Kinetics and Reactivity. vol. I, N. N. Semenov. Translated by J. E. S. Bradley. Pergamon, New York and London, 1958. 315 pp. \$12.50.

The Air. Edgar B. Schieldrop. Philosophical Library, New York, 1958. 256 pp. \$12.

Handbuch der Physik. vol. 12, *Thermodynamics of Gases.* S. Flügge, Ed. Springer, Berlin, 1958. 686 pp. DM. 154.

International Conference on Scientific Information, Washington, D.C., November 16-21, 1958. Preprints of papers. Sponsors: National Science Foundation,

National Academy of Sciences-National Research Council, American Documentation Institute. National Academy of Sciences-National Research Council, Washington, D.C., 1958. 7 sections.

Introducing Mathematics. Floyd F. Helton. Wiley, New York; Chapman & Hall, London, ed. 2, 1958. 411 pp.

An Introduction to Fluid Dynamics. F. J. Bayley. Interscience, New York, 1958. 223 pp. \$4.50.

Low Temperature Physics and Chemistry. Proceedings of the Fifth International Conference on Low Temperature Physics and Chemistry. Held at the University of Wisconsin, Madison, 26-31 August 1957. Joseph R. Dillinger, Ed. University of Wisconsin Press, Madison, 1958. 701 pp. \$6.

Man's World of Sound. John R. Pierce and Edward E. David, Jr. Doubleday, Garden City, N.Y., 1958. 287 pp. \$5.

The Metabolism of Sulphur Compounds. Leslie Young and George A. Maw. Methuen, London; Wiley, New York, 1958. 180 pp. \$3.

Moments of Discovery. vol. I, *The Origins of Science*; vol. II, *The Development of Modern Science.* George Schwartz and Philip W. Bishop, Eds. Basic Books, New York, 1958. 1005 pp. \$15.

Organizations. James G. March and Herbert A. Simon. With the collaboration of Harold Guetzkow. Wiley, New York; Chapman & Hall, London, 1958. 273 pp. \$6.

Statistical Physics. vol. 5 of *Course of Theoretical Physics.* L. D. Landau and E. M. Lifshitz. Translated from the Russian by E. Peierls and R. F. Peierls. Pergamon, London; Addison-Wesley, Reading, Mass., 1958. 494 pp. \$12.50.

Handbuch der Physik. vol. 38, pt. 1, *External Properties of Atomic Nuclei.* S. Flügge, Ed. Springer, Berlin, 1958. 471 pp. DM. 118.

Reprints

The Fundamental Principles of Quantum Mechanics with Elementary Applications. Edwin Kemble. Dover, New York, 1958 (unabridged republication of ed. 1, 1937). 629 pp. \$2.95.

Introduction to Bessel Functions. Frank Bowman. Dover, New York, 1958 (unaltered republication of ed. 1). 145 pp. \$1.35.

An Introduction to Fourier Methods and the Laplace Transformation. Philip Franklin. Dover, New York, 1958 (unaltered republication of *Fourier Methods*, 1949). 299 pp. \$1.75.

Statics and the Dynamics of a Particle. William Duncan MacMillan. Dover, New York, 1958 (unaltered republication of ed. 1, 1927). 448 pp. \$2.

Theoretical Mechanics. An introduction to mathematical physics. Joseph Sweetman Ames and Francis D. Murnaghan. Dover, New York, 1958 (unaltered republication of ed. 1, 1929). 473 pp. \$2.

Vector Analysis with an Introduction to Tensor Analysis. A. P. Wills. Dover, New York, 1958 (unabridged republication of ed. 1, 1931). 317 pp. \$1.75.