
NEW BOOK

L'Atomistique Moderne et la Chimie. (Chemistry in the Light of Modern Atomic Theory.) By M. HAÏSSINSKY. French Edition, revised, and enlarged by the Author. Preface by P. Langevin. G. Doin et Cie, Éditeurs, 8, Place de l'Odéon, Paris 6, France, 1932. vi + 386 pp. 47 figs. 14 × 21.5 cm. Price, 110 fr.

The Italian edition of this book has already been reviewed; there is little to be added to the statement of the former reviewer, and the reader may well be referred to the earlier review for more detail. The book is designed primarily for students who have little or no previous knowledge of modern atomic theory, and it covers a wide field in a brief and elementary but on the whole clear and satisfactory way. There is only one chapter on wave mechanics, the older quantum mechanics being used practically throughout; however, the modifications introduced by the newer theories are not disregarded. In one or two instances the method and order of presentation of certain topics may possibly leave a wrong impression with the beginner; thus it seems to the reviewer that too much emphasis has been placed on Kossel's electrostatic theory of valence in its original form, and the necessary modifications are discussed in various later places in the book. The reviewer cannot help remarking on the relatively large amount of space devoted to the radiation theory of gaseous reactions, which (as Haïssinsky, indeed, points out) is no longer believed by chemists to be of value. On the whole, however, the reviewer believes that the book may well be recommended to students desiring an elementary introduction to the particular field which it covers.

OSCAR K. RICE

BOOKS RECEIVED

June 15, 1933-July 15, 1933

- R. BEUTNER. "The Physical Chemistry of Living Tissues and Life Processes." The Williams and Wilkins Company, Mt. Royal and Guilford Aves., Baltimore, Md. 337 pp. \$5.00.
- W. H. CAROTHERS, Editor-in-Chief. "Organic Syntheses." Volume XIII. John Wiley and Sons, Inc., 440 Fourth Ave., New York. 119 pp. \$1.75.
- G. CHAMPETIER. "La Structure de la Cellulose dans ses Rapports avec la Constitution des Sucres." Herman et Cie, Éditeurs, 6 Rue de la Sorbonne, Paris V^e, France. 27 pp. Fr. 8.
- WILLIAM H. CHAPIN. "Second Year College Chemistry." Third edition, revised. John Wiley and Sons, Inc., 440 Fourth Ave., New York. 374 pp. \$3.00.
- R. CORNUBERT. "Le Camphre et ses Dérivés." Masson et Cie, Éditeurs, 120 Boulevard Saint-Germain, Paris VI^e, France. 424 pp. Fr. 80.
- CECIL W. DAVIES. "The Conductivity of Solutions." Second edition, revised and enlarged. John Wiley and Sons, Inc., 440 Fourth Ave., New York. 281 pp. \$4.00.

- H. DOHSE and H. MARK. "Die Adsorption von Gasen und Dämpfen an festen Körpern." Band 3, 1 Teil, Abschnitt I, "Hand- und Jahrbuch der chemischen Physik," herausgegeben von A. Eucken und K. L. Wolf. Akademische Verlagsgesellschaft m. b. H., Markgrafenstrasse 6, Leipzig C 1, Germany. 116 pp. M. 12.
- PAUL EHRENBURG. "Der Bau des Ackerbodens." Verlag von Theodor Steinkopff, Residenzstrasse 32, Dresden-Blasewitz, Germany. 96 pp. RM. 4.50.
- C. L. MANTELL. "Sparks from the Electrode." A Century of Progress Series. The Williams and Wilkins Company, Mt. Royal and Guilford Aves., Baltimore, Md. 127 pp. \$1.00.
- HANS MEYER. "Nachweis und Bestimmung organischer Verbindungen." Vol. II, "Lehrbuch der organisch-chemischen Methodik." Verlag von Julius Springer, Linkstrasse 23-24, Berlin W 9, Germany. 426 pp. RM. 32; bound, RM. 35.
- STOTHERD MITCHELL. "The Cotton Effect and Related Phenomena." G. Bell and Sons, Ltd., York House, Portugal St., London W. C. 2, England. 92 pp. 7s./6d., net.
- W. F. VON OETTINGEN. "The Therapeutic Agents of the Quinoline Group: Cincochen, Plasmoquine, Nupercaine, Quinine and the Acridine Dyes. The Relation between their Chemical Constitution and Pharmacologic Action." American Chemical Society Monograph. The Chemical Catalog Company, Inc., 330 West 42d St., New York. 301 pp. \$6.00.
- MARCEL PATRY. "Combustion et Détonation des Substances Explosives." Hermann et Cie, Éditeurs, 6 Rue de la Sorbonne, Paris V^e, France. 182 pp. Fr. 45.
- M. PRETTRE. "L'Inflammation et la Combustion Explosive en Milieu Gazeux. I. Hydrogène et Oxyde de Carbon." Hermann et Cie., Éditeurs, 6 Rue de la Sorbonne, Paris V^e, France. 61 pp. Fr. 15.
- GUSTAV TAMMANN. "Der Glaszustand." Verlag von Leopold Voss, Salomonstrasse 18B, Leipzig C 1, Germany. 123 pp. RM. 8.70.
- G. URBAIN. "La Coordination des Atomes dans la Molécule et la Symbolique Chimique." Part I. Hermann et Cie., Éditeurs, 6 Rue de la Sorbonne, Paris V^e, France. 51 pp. Fr. 12.
- G. URBAIN. "La Coordination des Atomes dans la Molécule et la Symbolique Chimique." Part II. Hermann et Cie, Éditeurs, 6 Rue de la Sorbonne, Paris V^e, France. 54 pp. Fr. 12.
- PIERRE URBAIN. "Les Sciences Géologiques et la Notion d'État Colloïdal." Hermann et Cie, Éditeurs, 6 Rue de la Sorbonne, Paris V^e, France. 61 pp. Fr. 18.
- C. E. WHITE. "A Laboratory Manual of General Chemistry." National Capitol Press, Inc., Washington, D. C. 132 pp. \$1.00.
- "The Scientific Journal of the Royal College of Science." Volume III. Edward Arnold & Co., 41-43 Maddox St., London W 1, England. 120 pp. 7s./6d.