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VOLUMETRIC ANALYSIS, VOLUME I. By I. M. Kolthoff and V. A. Stenger. Interscience Publishers, Inc., New York, N. Y., XV + 309 pages. 1942. (\$4.50).

This book is, as the authors state, a thorough revision and enlargement of the 1928 English translation. Considerable new material has been added, especially in the section on oxidation reduction indicators,—including a selected list of indicators having oxidation potentials between 0.24 and 1.30 volts. The principles of polarimetric titrations have been introduced. In addition, a detailed quantitative discussion concerning errors caused by mixed crystal formation is given for the first time. The chapter on Stability of Solutions has been transferred to the revised second volume. This work is a theoretical treatment of the subject making possible the development of new titration methods, the improvement of old procedures and the formulation of titration errors. The authors stress the important fact that theory is only a guide and that results derived therefrom must be tested experimentally.

The authors have produced a fine piece of work. The first chapter is exceedingly well written and readily understandable, even to the beginning student. The table of acid-base indicators and the appendix, which contains ionization constants of a large number of acids and bases and solubility products of various salts and alkaloids, and oxidation potentials of a large number of Red-Ox systems are of particular value. The placing of detailed material in smaller type and of critical definitions and statements in italics greatly facilitates the reading. This work is a credit to both the authors and the publishers.—*Ralph W. McKee.*

OCCUPATIONAL TUMORS AND ALLIED DISEASES. By W. C. Hueper. C. C. Thomas, Springfield, Illinois. 896 pp., 1942. (\$8.00).

This book is undoubtedly the most useful single-volume source of information concerning occupational

tumors that has been published to date. Its organization, bibliographic documentation, and index are excellent. The first of its fourteen chapters is devoted to a general discussion of occupation as it may influence tumor development. In chapters two to eleven, beginning with the skin and ending with the sex organs, the various tumors which are or may be caused or affected by occupation are described. Chapters twelve and thirteen are devoted respectively to "Special Aspects of Occupational Tumors" and "The Relation of Occupational Neoplasia to Theories of Carcinogenesis." Chapter fourteen is concerned with "Medicolegal and Public Health Aspects."

The book will be a valuable acquisition to any medical library if for no other reason than because of chapters 2, 4, 5, and 7. These deal with occupational tumors of the skin, lungs, urinary organs, and skeletal system.

Although the merits of the book greatly outweigh its defects, the latter are in some instances rather serious. The reader will be well advised to exercise considerable caution in the acceptance of certain opinions. Conclusions based on inconclusive and controversial evidence are occasionally advanced as though they were accepted facts and the uninformed or uncritical reader may find it difficult in places to distinguish between what is and what may be true. Thus, for example, on page 341 it is stated that, "The majority of the malignant neoplasms involving the lips and the oral cavity are generally the result of direct contact of exogenous carcinogenic agents with the mucous membranes of these organs. A similar mechanism is responsible for the periampullary cancers of the duodenum, as these are located in an area of intense and primary contact with a carcinogenic agent contained in the bile, and entering the duodenum at the papilla Vateri." Fortunately such ill-advised statements are few in number. It is to be hoped that they will be corrected in the next revision.—*Alan R. Moritz.*

PROCUREMENT AND ASSIGNMENT SERVICE

IN THE offices of the State Medical Chairmen for the Procurement and Assignment Service, there are list of physicians who have indicated their willingness or desire to go into industrial medicine.

The names of these physicians may be secured by writing to the State Medical Chairman in the State in which the industry is located.

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