

very high column temperatures (above 500°) for which purely inorganic metal salts may soon be used as column liquids. The third paper by FELTON on "A Novel High Temperature Gas Chromatography Unit" describes a simple and low-cost apparatus which can be operated under vacuum or pressure at over 500°, and which should be extremely useful for the analysis of high boiling liquids and solids.

This book has a comprehensive bibliography of 442 references to the middle of 1957, but it is unfortunate that in the interval between the completion of the bibliography and the present date there are now double the number of references. The book contains some considerations and recommendations on Standard Nomenclature for Gas Chromatography, and has author and subject indexes, the latter of which is too rarely found in books of this type.

The printing and illustrations are of a good standard but there are a number of small errors which should have been corrected at an early stage, e.g. p. ix, gas-lipid; p. 30, ref. 11, Grob not Grab; etc.

The book can be recommended not only to specialists for its useful details of new developments but also to beginners who will benefit from careful reading of many of its papers.

C. J. HARDY (Harwell)

La chromatographie, par L. SAVIDAN. Monographies Dunod, Paris, 1958, 109 pages, 32 figs., 70 références.

Cette petite introduction à la chromatographie débute par un exposé théorique relativement important ($\frac{1}{4}$ de l'ouvrage), suivi d'une description succincte des procédés de partage sur colonne et sur papier, ainsi que des appareils nécessaires.

Les applications de la chromatographie en chimie organique et en chimie minérale sont ensuite effleurées dans deux courts chapitres (contenant 45 références bibliographiques au total).

Cet ouvrage est trop peu documenté pour être utile au praticien. Seuls, des étudiants désirant s'initier aux principes de la chromatographie tireront parti de sa lecture. On peut d'ailleurs regretter que l'auteur n'ait pas songé à indiquer, pour ceux de ses lecteurs qui désireraient continuer plus avant l'étude des techniques chromatographiques, quels sont les traités complets qui font actuellement autorité dans ce domaine.

E. D.

NEW BOOKS

Preparation of Single Crystals, by W. D. LAWSON AND S. NIELSON. (Butterworths, London, and Academic Press, Inc., New York, 1958), 255 pages, price 45 s.

Steric Effects in Conjugated Systems, edited by G. W. GRAY. Proceedings of a symposium held at the University, Hull, 15-17th July 1958, by the Chemical Society. (Butterworths, London, and Academic Press, Inc., New York, 1958), price 30 s.