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- STEWART (F. H.), CHALMERS (R. A.), and PHILLIPS (R.), 1954. *Min. Mag.*, vol. 30, p. 389.
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BOOK REVIEWS

Répertoire de Matériel Cristallographique. Edited by A. J. ROSE. xxvi+126 pp. Paris: the Apparatus Commission of the International Union of Crystallography. 2nd edn, 1959. Price fr. 12.50; \$2.50 (incl. postage).

This is a second, greatly enlarged edition of the *Index of Manufacturers of Apparatus and Materials Used in Crystallography* first published in 1956. It tabulates equipment and services (with the names of suppliers), published crystallographic charts, nets, and tables, and textbooks. This matter should be very useful, and is well indexed. But a list of journals that include the words 'mineralogy' or 'crystallography' in their titles is almost valueless, for it omits journals, such as *Journ. Amer. Chem. Soc.*, that lack the keywords in their titles but often publish material of crystallographic interest, while including several journals of very minor importance. Nor are 23 pages of advertisements by manufacturers of much value, since they duplicate information already listed. Despite its failings, the work should be of value to crystallographers seeking sources of supply of apparatus and materials. No attempt has been made to assess the relative merits of the equipment listed. The text is in French, with indexes in French and English. Distribution will be free to crystallographers through the National Committees of countries adhering to the Union. Further copies may be purchased from the editor at 1 rue Victor-Cousin, Paris 5; remittances (with order) should be payable to 'Société française de Minéralogie et de Cristallographie (I. U. Cr.)'.

VON HIPPEL (Arthur R.). *Molecular Science and Molecular Engineering*. London (Chapman & Hall), New York (John Wiley & Sons Inc.), 1959, xv+446 pp. Price 148s.

Two previous volumes in this series, *Dielectrics and Waves* and *Dielectric Materials and Applications*, dealt with particular physical properties of materials and their practical applications. The theme of this