

Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.

High temperature oxides. Part 1. Magnesia, lime and chrome refractories. Edited by ALLEN M. ALPER. Pp. xvi + 358. New York: Academic Press, 1970. Price \$17.00.

The book gives an account of research on the effect of temperature, slag and atmosphere on various refractories. There are seven sections:

1. Pitch-bearing MgO-CaO refractories for the BOP process by K. K. Kappmeyer and D. H. Hubble.
2. Magnesia-based refractories by James White.
3. Sintered and chemically bonded MgO-chrome ore refractories by J. Laming.
4. Rebonded fused MgO-chrome ore grain refractories by R. F. Patrick.
5. Basic-fusion-cost steel refractories by A. M. Alper, R. C. Doman and R. N. McNally.
6. Chromite spinels by Gene C. Ulmer.
7. Oxides of transition elements by Arnulf Muan.

Handbook of geochemistry. Volume II/2. Editorial Board: C. W. CORRENS, D. M. SHAW, K. K. TUREKIAN, J. ZEMANN. Executive Editor: K. H. WEDEPOHL. Pp. 667. New York: Springer-Verlag, 1970. Price, loose-leaf binder, DM 212, U.S. \$58.30; subscription price DM 169.60, U.S. \$46.70.

This work is in loose-leaf form and is issued in instalments. Each section of Volume II deals with either a single element, or sometimes a group of related elements. The sections are written by different authors and are issued as they are received by the publishers so that they must be rearranged in correct sequence by the reader. For each element there is a chemical and physical description and also an account of the natural occurrence in minerals.