

## 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.*

### **Critical reviews in solid state sciences.** Vol. 1, Issue 1.

Edited by DONALD E. SCHUELE and RICHARD W. HOFFMAN. Pp. 136. Cleveland: The Chemical Rubber Co. Distributed by Iliffe, 1970. Price: Subscription £28 for one year (4 issues), £50 for two years (8 issues).

In the explosion of scientific literature new review journals have an important role to play. *Critical Reviews in Solid State Sciences* has got off to a good start with an interesting range of articles and is to be recommended for your library.

### **Theoretische Festkörperphysik.** (Volume II). By ALBERT HAUG. Pp. viii + 368. Vienna: Franz Deuticke, 1970. Price DM 98.

Volume I appeared in 1964 and covered the fundamentals of solid state physics, the properties of electrons in crystals, and the crystal lattice. This volume, also in German, is divided into two sections, under the headings of electron lattice interactions, and real crystals with defects. The former section includes conduction phenomena and the latter discusses semiconductors, and luminescence. The

volume is intended to serve both as a text book, and for reference.

### **Activation analysis.** By M. RAKOVIC. London: Iliffe, 1970. Pp. 339. Price 120s.

This book describes theoretical and experimental aspects of activation analysis. In this procedure samples are irradiated by neutrons or charged particles and nuclear reactions are induced which produce radioactive isotopes. On analysis of the radiation from these isotopes can reveal very small quantities of an element.

### **High-velocity impact phenomena.** Edited by RAY KINSLOW. Pp. xii + 579. New York: Academic Press 1970., Price \$25.

This book is devoted to a study of high-speed impact. Among the topics covered are the reactions of materials to high-velocity impact, the nature of the shock waves so generated and the effect of these waves on materials.