

doubly useful since at present the theory is somewhat scattered in the literature.

The need for a book (essentially a sequel to *Foundations*) which will include at least all the above mentioned topics is now seriously felt. The material for such a book is accumulating in the literature, and we would like to conclude by expressing the hope that someone will have the devotion to collect it together.

SERGE LANG

BRIEF MENTION

Theory of groups. Vol. I. By A. G. Kurosh. Trans. from the 2d Russian edition (1952) of Kurosh' *Teoriya Grupp* and edited by K. A. Hirsch. New York, Chelsea, 1955. 272 pp. \$4.95.

This is the first volume of a projected two volume work. It includes Part I: The elements of group theory, and Part II: Abelian groups. For a review of the German translation of the first edition of this work, cf. this Bulletin, vol. 61, p. 362.

Théorie des opérations linéaires. By S. Banach. New York, Chelsea, 1955. 7+254 pp. \$3.95.

Reprinted from *Monografie Matematyczne*, Tom I, 1932.

Famous problems. By F. Klein et al. New York, Chelsea, 1955. 11+321 pp. \$3.25.

This consists of reprints of the following monographs: Famous problems of elementary geometry, by F. Klein. From determinant to tensor, by W. F. Sheppard. Introductory combinatory analysis, by P. A. Macmahon. Three lectures on Fermat's last theorem, by L. J. Mordell.

Opere. By U. Dini. Vol. 3. Ed. by the Unione Matematica Italiana with the assistance of the Consiglio Nazionale delle Ricerche. Rome, Cremonese, 1955. 6+660 pp. 6000 lire.

For vols. 1 and 2, cf. this Bulletin vol. 60, p. 288 and vol. 61, p. 260. This third, and final, volume contains papers on ordinary and partial differential equations.