NEW PUBLICATIONS

Arithmetik des Diophantos aus Alexandria. (Abhandlungen aus dem Mathematischen
Seminar der Hamburgischen Universität, Supplement 1.) Trans. by A. Czwalina.
Göttingen, Vandenhoeck and Ruprecht, 1952. 148 pp. 20 DM.

BLACK, D., and NEWING, R. A. *Committee decisions with complementary valuation.*
London, Hodge, 1952. 7+59 pp. 10s. 6d.

BLASCHKE, W. *Mathematik und Leben.* Wiesbaden, Steiner, n.d. 70 pp. 5.40 DM.

BRIDGMAN, P. W. *The nature of some of our physical concepts.* New York, Philosophical
Library, 1952. 64 pp. $2.75.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. *Mathematical Tables.* Vol.
I. *Circular and hyperbolic functions. Exponential and sine and cosine integrals.
Factorial function and allied functions. Hermitian probability functions.* 3d ed.
Cambridge University Press, 1951. 40+72 pp. $3.50.

CANTOR, G. *Contributions to the founding of the theory of transfinite numbers.* Trans.
by P. E. B. Jourdain. New York, Dover, 1952. 9+211 pp. $2.75.

CASORATI, F. *Opere.* Vol. I. Ed. by Unione Matematica Italiana. Rome, Perrella,
1951. 13+420 pp. 4,000 lire.

CHEVALLEY, C. *Théorie des groupes de Lie.* Vol. II. *Groupes algébriques.* (Actualités
Scientifiques et Industrielles, no. 1152.) Paris, Hermann, 1951. 7+189 pp.

CZWALINA, A. See *Arithmetik des Diophantos aus Alexandria.*

D'ABRO, A. *The rise of the new physics, its mathematical and physical theories.* New
York, Dover, 1952. Vol. I, 9+426 pp. +5 plates. Vol. II, 5+556 pp.+12 plates.
$8.00.

DENIS-PAPIN, M., and KAUFMANN, A. *Cours de calcul matriciel appliqué.* Paris, Michel,
1951. 304 pp. 1,600 fr.

DESARGUES, G. *L'oeuvre mathématique de G. Desargues.* With a biographical and
historical introduction by R. Taton. Paris, Presses Universitaires de France,
1951. 4+232 pp.

DITKIN, V. A., and KUZNECOV, P. I. *Spravočnik po operacionnomy isčisleniyu. Osnovy
teorii i tablicy formul.* Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teo-
retičeskoi Literatury, 1951. 255 pp. 7.30 rubles.

DOLANSKÝ, L., and DOLANSKÝ, M. P. *Table of* $\log_2 1/p$, $p \cdot \log_2 1/p$ *and* $p \cdot \log_2 1/p$
$+(1-p) \cdot \log_2 1/(1-p)$. (Research Laboratory of Electronics, Massachusetts
Institute of Technology, Technical Report no. 227.) 1952. 1+23 pp., 1 plate.

DOLANSKÝ, M. P. See DOLANSKÝ, L.

ESTERMANN, T. *Introduction to modern prime number theory.* (Cambridge Tracts in
Mathematics and Mathematical Physics, no. 41.) Cambridge University Press,
1952. 10+75 pp. $2.50.

FINCK, J. L. *Thermodynamics from a generalized standpoint.* Brooklyn, Flatbush, 1951.
11+124 pp. $4.00.

FRIIS, H. T. See SCHELKUNOFF, S. A.

FUKS, B. A. *Neevklidova geometriya v teorii konformnyh i psevdokonformnyh otobraženiǐ.*
Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoi Literatury, 1951.
148 pp. 5.20 rubles.

GODEAUX, L., and ROZET, O. *Leçons de géométrie projective.* 2d ed. Liège, Sciences et
Lettres, 1952. 278 pp. 2,800 fr.

HALPERIN, I. *Introduction to the theory of distributions.* Based on the lectures given
by L. Schwartz. University of Toronto Press, 1952. 6+35 pp. $2.00.