

NEW PUBLICATIONS

- Aritmetik 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.
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- 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.
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- CZVALINA, A. See *Aritmetik 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.
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- 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. *Nevklidova geometriya v teorii konformnyh i psevdokonformnyh otobraženij.* Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoj Literatury, 1951. 148 pp. 5.20 rubles.
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- HOUSTOUN, R. A. *An introduction to mathematical physics*. London, Blackie, 1952. 10+262 pp. 25 s.
- IWASAWA, K. *Daisu kansu-ron*. [Theory of algebraic functions.] Tokyo, Iwanami Shoten, 1952. 1+2+356 pp. 700 yen.
- JOURDAIN, P. E. B. See CANTOR, G.
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- KUZNECOV, P. I. See DITKIN, V. A.
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- NEWING, R. A. See BLACK, D.
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- ROZET, O. See GODEAUX, L.
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- TATON, R. See DESARGUES, G., MONGE, G.
- TITT, E. W. *Linear differential equations, ordinary and partial*. Part I. *Ordinary equations*. Austin, Mathematics Research and Publishing Company, 1951. 7+222+1 pp. \$3.00.
- TOLZTOV, G. P. *Ryady Fur'e*. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoričeskoi Literatury, 1951. 396 pp. 13.80 rubles.
- VAN WIJNGAARDEN, A. See KAARSEMAKER, L.
- WILLERS, F. A. *Mathematische Maschinen und Instrumente*. Berlin, Akademie, 1951. 12+318 pp. 34.21 DM.
- YOSIDA, K. *Isô-kaiseki*. I. [*Topological analysis*. I.] Tokyo, Iwanami Shoten, 1951. 2+339 pp. 680 yen.