

## NEW PUBLICATIONS

- AHLFORS, L. V. *Complex analysis. An introduction to the theory of analytic functions of one complex variable.* New York, McGraw-Hill, 1953. 12+247 pp. \$5.00.
- ANDELIC, T. P. *Tenzorski račun.* [Tensor calculus.] Belgrade, Naučna Knjiga, 1952. 8+319 pp.
- BAGEMIHL, F. See KNOPP, K.
- BATCHELOR, G. K. *The theory of homogeneous turbulence.* Cambridge University Press, 1953. 10+195 pp.
- BIANCHI, L. *Opere.* Vol. I, Part 1. Ed. by the Unione Matematica Italiana, and with the assistance of the Consiglio Nazionale delle Ricerche. Rome, Perella, 1952. 615 pp. 5000 lire.
- BIEBERBACH, L. *Conformal mapping.* Trans. by F. Steinhardt. New York, Chelsea, 1953. 6+234 pp. \$2.25.
- BOURBAKI, N. *Eléments de mathématique.* XV. Part 1. *Les structures fondamentales de l'analyse.* Book V. *Espaces vectoriels topologiques.* Chap. I. *Espaces vectoriels topologiques sur un corps valué.* Chap. II. *Ensembles convexes et espaces localement convexes.* (Actualités Scientifiques et Industrielles, no. 1189.) Paris, Hermann, 1953. 2+124+4 pp.
- CHARNES, A., COOPER, W. W., and HENDERSON, A. *An introduction to linear programming.* New York, Wiley, 1953. 10+74 pp. \$2.50.
- CONFORTO, F. *Funzioni abeliane modulari.* Vol. 1. *Preliminari e parte gruppale. Geometria simplicetica.* Lectures, ed. by M. Rosati. Rome, Edizioni Universitarie "Docet," 1952. 454 pp. 3900 lire.
- Construction and applications of conformal maps.* (National Bureau of Standards Applied Mathematics Series, no. 18.) Washington, Government Printing Office, 1953. 280 pp. \$2.25.
- COOPER, W. W. See CHARNES, A.
- COUFFIGNAL, L. *Les machines à penser.* Paris, Minuit, 1952. 158 pp., 4 plates.
- DENIS-PAPIN, M., and KAUFMANN, A. *Cours de calcul tensoriel appliqué. (Géométrie différentielle absolue.)* Paris, Albin Michel, 1953. 388 pp. 3440 fr.
- Desyatiznačnye tablicy logarifmov kompleksnyh čisel i perehoda ot dekartovyh koordinat k polyarnym. Tablicy funkcij  $\ln x$ ,  $\arctg x$ ,  $\frac{1}{2} \ln(1+x^2)$ ,  $\sqrt{1+x^2}$ .* Moscow, Izdatel'stvo Akad. Nauk SSSR, 1952. 116 pp., 1 plate. 10.80 rubles.
- FITCH, F. B. *Symbolic logic, an introduction.* New York, Ronald, 1952. 10+238 pp. \$4.50.
- GIBBS, W. J. *Tensors in electrical machine theory.* London, Chapman and Hall, 1952. 12+238 pp. 30 s.
- GLASER, W. *Grundlagen der Elektronenoptik.* Vienna, Springer, 1952. 10+699 pp. \$28.60.
- HADAMARD, J. *Lectures on Cauchy's problem in linear partial differential equations.* New York, Dover, 1953. 4+316 pp. Paperbound, \$1.70; Clothbound, \$3.50.
- HENDERSON, A. See CHARNES, A.
- HODGE, W. V. D. *The theory and applications of harmonic integrals.* 2d ed. Cambridge University Press, 1952. 10+282 pp. \$5.50.
- IVANENKO, D. See SOKOLOV, A.
- JACOBSON, N. *Lectures in abstract algebra.* Vol. 2. *Linear algebra.* New York, Van Nostrand, 1953. 12+280 pp. \$5.85.
- JURÉEN, L. See WOLD, H.
- KAUFMANN, A. See DENIS-PAPIN, M.

- KNOPP, K. *Elements of the theory of functions*. Trans. by F. Bagemihl. New York, Dover, 1953. 140 pp. Paperbound, \$1.25; Clothbound, \$2.25.
- KRILOV, A. N. *O nekim diferencijalnim jednačinama tehničke fizike*. [On some differential equations of technical physics.] Belgrade, Naučna Knjiga, 1952. 12+431 pp.
- LIETZMANN, W. *Anschauliche Einführung in die mehrdimensionale Geometrie*. Munich, Oldenbourg, 1952. 220 pp., 1 plate.
- LOOMIS, L. H. *An introduction to abstract harmonic analysis*. New York, Van Nostrand, 1953. 10+190 pp. \$5.00.
- MASSAU, J. *Mémoire sur l'intégration graphique des équations aux dérivées partielles*. Mons, Delporte, 1952. 9+391+88 pp.
- MAYRHOFER, K. *Inhalt und Mass*. Vienna, Springer, 1952. 8+269 pp. Paperbound, \$8.60; Clothbound, \$9.30.
- MILNE, W. E. *Numerical solution of differential equations*. New York, Wiley, 1953. 12+275 pp. \$6.50.
- MØLLER, C. *The theory of relativity*. Oxford, Clarendon, 1952. 12+386 pp. \$7.00.
- MUNROE, M. E. *Introduction to measure and integration*. Cambridge, Addison-Wesley, 1953. 10+310 pp. \$7.50.
- NEYMAN, J. *Lectures and conferences on mathematical statistics and probability*. 2d ed. Washington, Department of Agriculture, 1952. 8+274 pp.
- OSWATITSCH, K. *Gasdynamik*. Vienna, Springer, 1952. 14+456 pp., 3 plates. \$18.60.
- RIOS, S. *Introducción a los metodos de la estadística*. Part 1. 2d ed. Madrid, 1952. 12+192 pp. 80 pesetas.
- ROGOSINSKI, W. W. *Volume and integral*. New York, Interscience, 1952. 10+160 pp. \$1.75.
- ROSATI, M. See CONFORTO, F.
- ROSSER, J. B. *Logic for mathematicians*. New York, McGraw-Hill, 1953. 14+530 pp. \$10.00.
- SALTIKOV, N. *Teorija paracijalnih jednačina drugog reda*. [The theory of partial differential equations of the second order.] Belgrade, Naučna Knjiga, 1952. 121 pp.
- SOKOLOV, A., and IVANENKO, D. *Kvantovaya teoriya polya. (Izbrannye voprosy.)* Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoi Literatury, 1952. 780 pp. 14.30 rubles.
- STABLER, E. R. *An introduction to mathematical thought*. Cambridge, Addison-Wesley, 1953. 19+268 pp. \$4.50.
- STEINHARDT, F. See BIEBERBACH, L.
- Tables of Bessel-Clifford functions of orders zero and one*. (National Bureau of Standards Applied Mathematics Series, no. 28.) Washington, Government Printing office. 10+72 pp. \$0.45.
- Tables of Chebyshev polynomials  $S_n(x)$  and  $C_n(x)$* . (National Bureau of Standards Applied Mathematics Series, no. 9.) Washington, Government Printing Office, 1952. 30+161 pp. \$1.75.
- THOMPSON, A. J. *Logarithmetica Britannica, being a standard table of logarithms to twenty decimal places*. Part II. *Numbers 20,000 to 30,000 together with General Introduction*. (Tracts for Computers, no. 22.) Cambridge University Press, 1952. 105+98+7+3 pp. 45 s.
- VINOGRADOV, I. M. *Osnovy teorii čisel*. 6th ed. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoi Literatury, 1952. 180 pp. 5.80 rubles.
- WESTERGAARD, H. M. *Theory of elasticity and plasticity*. New York, Wiley, 1952. 13+176 pp. \$5.00.
- WOLD, H., and JURÉEN, L. *Demand analysis. A study in econometrics*. New York, Wiley, 1953. 16+358 pp. \$7.00.