

## NEW PUBLICATIONS

- BELLMAN, R. *An introduction to the theory of dynamic programming*. Santa Monica, Rand Corporation, 1953. 10+99 pp.
- BOCHNER, S. See YANO, K.
- BOOTH, A. D., and BOOTH, K. H. V. *Automatic digital calculators*. New York, Academic Press, 1953. 231 pp., 1 plate. \$6.00.
- BOOTH, K. H. V. See BOOTH, A. D.
- DU BOSQ DE BEAUMONT, H. *Contribution au dernier théorème de Fermat*. Paris, Editions Industrielles, Techniques et Littéraires, 1952.
- CAFIARO, F. *Funzioni additive d'insieme ed integrazione negli spazi astratti*. Naples, Liguori, 1953. 178 pp.
- CORSON, E. M. *Introduction to tensors, spinors, and relativistic wave-equations (relation structure)*. New York, Hafner, 1953. 12+221 pp. \$10.00.
- COURANT, R., and HILBERT, D. *Methods of mathematical physics*. Vol. I. New York, Interscience, 1953. 15+561 pp. \$9.50.
- EVES, H. *An introduction to the history of mathematics*. New York, Rinehart, 1953. 15+422 pp. \$6.00.
- FEJES TÓTH, L. *Lagerungen in der Ebene, auf der Kugel und im Raum*. Berlin, Springer, 1953. 10+197 pp. 24.00 DM; bound 27.00 DM.
- Fluid dynamics*. (Proceedings of Symposia in Applied Mathematics, vol. 4.) New York, McGraw-Hill, 1953. 6+186 pp. \$7.00.
- GONSETH, F. *La géométrie et le problème de l'espace. V. Les géométries non euclidiennes*. Neuchâtel, Griffon, 1952. 110 pp.
- GOODSTEIN, R. L., and PRIMROSE, E. J. F. *Axiomatic projective geometry*. Leicester, University College, 1953. 11+140 pp. 15s.
- GROMEKA, I. S. *Sobranie sočinenij*. Moscow, Izdatel'stvo Akad. Nauk SSSR, 1952. 296 pp. 23.40 rubles.
- GROSS, B. *Mathematical structure of the theories of viscoelasticity*. (Actualités Scientifiques et Industrielles, no. 1190.) Paris, Hermann, 1953. 74 pp. 600 fr.
- HANSEN, M. H., HURWITZ, W. N., and MADOW, W. G. *Sample survey methods and theory*. Vol. I. *Methods and applications*. New York, Wiley, 1953. 22+638 pp. \$8.00.
- HANSEN, M. H., HURWITZ, W. N., and MADOW, W. G. *Sample survey methods and theory*. Vol. II. *Theory*. New York, Wiley, 1953. 8+332 pp. \$7.00.
- HILBERT, D. *Grundzüge einer allgemeinen Theorie der linearen Integralgleichungen*. New York, Chelsea, 1953. 26+282 pp. \$4.50.
- HILBERT, D. See COURANT, R.
- HOFFMAN, O., and SACHS, G. *Introduction to the theory of plasticity for engineers*. New York, McGraw-Hill, 1953. 14+276 pp. \$6.50.
- HURWITZ, W. N. See HANSEN, M. H.
- KLINE, M. *Mathematics in western culture*. New York, Oxford University Press, 1953. 12+484 pp., 27 plates. \$7.50.
- LIETZMANN, W. *Riesen und Zwerge im Zahlenreich*. Stuttgart, Teubner, 1953. 60 pp. 2.40 DM.
- LINDLEY, D. V., and MILLER, J. C. P. *Cambridge elementary statistical tables*. Cambridge University Press, 1953. 36 pp.

- LOOMIS, E. S. *Original investigation or how to attack an exercise in geometry*. Columbus, Ohio, The Bonded Scale and Machine Co., 1952. 12+63 pp. Gratis.
- LUDFORD, G. S. S. *Riemann's method of integration: its extensions with an application*. (Institute for Fluid Dynamics and Applied Mathematics, Lecture Series, no. 26.) College Park, University of Maryland, 1952. 6+34 pp. (mimeographed)
- LORENTZ, G. G. *Bernstein polynomials*. (Mathematical Expositions, no. 8.) University of Toronto Press, 1953. 10+130 pp. \$5.75.
- LYAPUNOV, A. A. *R-mnozestva*. (Trudy Mat. Inst. Steklov., vol. 40.) Moscow, Izdatel'stvo Akad. Nauk SSSR, 1953. 67 pp. 2.80 rubles.
- MADOW, W. G. See HANSEN, M. H.
- MILLER, J. C. P. See LINDLEY, D. V.
- MOSTOWSKI, A., and STARK, M. *Algebra Wyższa*. First part. (Biblioteka Matematyczna, vol. 1.) Warsaw, Polskie Towarzystwo Matematyczne, 1953. 7+308 pp.
- NARAYAN, S. *A test book of matrices*. Delhi, Chand, 1953. 7+289 pp.
- NASVYTIS, A. *Die Gesetzmäßigkeiten kombinatorischer Technik*. Berlin, Springer, 1953. 8+103 pp. 9.00 DM.
- NEVANLINNA, R. *Uniformisierung*. Berlin, Springer, 1953. 10+391 pp. 46.50 DM; bound, 49.50 DM.
- NORTHCOTT, D. G. *Ideal theory*. (Cambridge Tracts in Mathematics and Mathematical Physics, no. 42.) Cambridge University Press, 1953. 8+111 pp. \$2.50.
- PARS, L. A. *Introduction to dynamics*. Cambridge University Press, 1953. 22+501 pp. \$6.00.
- PRIMROSE, E. J. F. See GOODSTEIN, R. L.
- Proceedings of the Third Midwestern Conference on Fluid Mechanics, University of Minnesota, March 23, 24, and 25, 1953*. Minneapolis, University of Minnesota, 1953. 634 pp. \$6.00.
- RIESZ, F., and SZ.-NAGY, B. *Leçons d'analyse fonctionnelle*. 2d ed. Budapest, Akadémiai Kiadó, 1953. 8+455 pp. 100 ft.
- ROHRBERG, A. *Theories und Praxis des logarithmischen Rechenstabes*. Stuttgart, Teubner, 1953. 64 pp. 2.40 DM.
- SACHS, G. See HOFFMAN, O.
- SALZER, H. E. *Tables of coefficients for the numerical calculation of Laplace transforms*. (National Bureau of Standards Applied Mathematics Series, no. 30.) Washington, Government Printing Office. 2+36 pp. \$0.25.
- VON SANDEN, H. *Praktische Mathematik. Eine Einführung mit besonderer Berücksichtigung von Statistik und Ausgleichsrechnung*. 3d ed. Leipzig, Teubner, 1953. 128 pp. 3.20 DM.
- Séminaire H. Cartan de l'École Normale Supérieure, 1951-52*. Twenty papers with individual pagination by H. Cartan, P. Dolbeault, J. Cerf, J. Frenkel, M. Hervé, F. Bruhat, Malatian and J. P. Serre. 274 pp. (mimeographed)
- Simultaneous linear equations and the determination of eigenvalues*. (National Bureau of Standards, Applied Mathematics Series, no. 29.) Washington, Government Printing Office, 1953. 126 pp. \$1.50.
- STARK, M. See MOSTOWSKI, A.
- STEWART, C. A. *Advanced calculus*. New York, The British Book Centre, 1953. 18+523 pp. \$5.50.
- SZ.-NAGY, B. See RIESZ, F.
- Tables des fonctions de Legendre associées. Fonction associée de première espèce  $P_n^m(\cos \theta)$* . Part 1. [ $n$ : -0, 5 (0, 1) 10], [ $m$ : 0 (1) 5], [ $\theta$ : 0 (1) 90°]. Paris, Editions de la Revue d'Optique, 1952. 21+292 pp.

- Leonida Tonelli, in memoriam.* Pisa, Tornar, 1952. 193 pp., 2 plates.
- UNKOVSKII, V. A. *Teoriya veroyatnostei.* Moscow, Voenno-Morskoe Izdat., 1953. 320 pp. 10.90 rubles.
- VERNOTTE, P. *Régularité et séries divergentes.* (Publ. Sci. Tech. Ministère de l'Air, no. 282.) Paris, 1953. 53+12 pp. 800 fr.
- WANG, C. T. *Applied elasticity.* New York, McGraw-Hill, 1953. 9+357 pp. \$8.00.
- WILSON, A. H. *The theory of metals.* 2d ed. Cambridge University Press, 1953. 8+346 pp. \$8.50.
- YANO, K., and BOCHNER, S. *Curvature and Betti numbers.* (Annals of Mathematics Studies, no. 32.) Princeton University Press, 1953. 9+190 pp. \$3.00.