

## NEW PUBLICATIONS

- ABDELHAY, J. *Curso de análise matemática*. Vol. I. 2d ed. Rio de Janeiro, Universidade do Brasil, 1953. 16+232 pp.
- ABDELHAY, J. See DIEUDONNÉ, J.
- ARTOBOLVSKIĬ, I. I. *Teoriya mekhanizmov i mašin*. 2d ed. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoj Literatury, 1952. 704 pp. 15.75 rubles.
- Atti del Quarto Congresso dell'Unione Matematica Italiana, Taormina*, 1951. Vol. I, 324 pp.; Vol. II, 684 pp. Rome, Casa Editrice Perrella, 1953. 9000 lire.
- BAGEMIHLE, F. See KNOPP, K.
- BARRIOL, J. *Mécanique quantique*. Paris, Presses Universitaires de France, 1952. 12+257 pp. 1,500 fr.
- BIRKHOFF, G., and MACLANE, S. *A survey of modern algebra*. Rev. ed. New York, Macmillan, 1953. 11+472 pp. \$6.50.
- BOURBAKI, N. *Eléments de mathématique*. XVI. Part I. *Les structures fondamentales de l'analyse*. Book III. *Topologie générale (fascicule de résultats)*. (Actualités Scientifiques et Industrielles, no. 1196.) Paris, Hermann, 1953. 95 pp. 1500 fr.
- BRUINS, E. M. *Nouvelles découvertes sur les mathématiques babyloniennes*. Université de Paris, 1952. 29 pp.
- Contributions to the theory of Riemann surfaces*. (Annals of Mathematics Studies, no. 30.) Princeton University Press, 1953. 264 pp. \$4.00.
- DIAZ, J. B. *Inequalities and minimal principles in mathematical physics*. College Park, Md., The Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, 1952. 2+55 pp. (mimeographed)
- DIEUDONNÉ, J. *Analyse harmonica*. Notes prepared by J. Abdelhay. Rio de Janeiro, Universidade do Brasil, 1952. 3+212 pp.
- DUBNOV, Y. S. *Osnovy vektornogo isčisleniya*. Part II. *Lineinye funkcii vektora. Vektornyĭ analiz (teoriya polei). Načala tenzornogo isčisleniya*. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoj Literatury, 1952. 415 pp. 10.35 rubles.
- DUSCHEK, A. *Vorlesungen über höhere Mathematik*. Vol. III. *Gewöhnliche und partielle Differentialgleichungen. Variationsrechnung. Funktionen einer komplexen Veränderlichen*. Vienna, Springer, 1953. 9+512 pp. \$9.25.
- EKSTEIN, M. G. See PARRISH, W.
- FADDEEV, D. K., and SOMINSKIĬ, I. S. *Sbornik zadač po vysšei algebre*. 3d ed. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoj Literatury, 1952. 308 pp. 7.20 rubles.
- FLORA, F. See GALILEI, G.
- FRIEDRICHS, K. O. *Mathematical aspects of the quantum theory of fields*. New York, Interscience, 1953. 8+272 pp. \$5.00.
- FUNK, P., SAGAN, H., and SELIG, F. *Die Laplace-Transformation und ihre Anwendung*. Vienna, Franz Deuticke, 1953. 7+106 pp. \$2.40.
- GALILEI, G. *Opere*. Ed. by F. Flora, Milan, Riccardo Ricciardi, 1953. 29+1139 pp.
- GEL'FOND, A. O. *Transcendentnyye i algebrāičeskie čisla*. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoj Literatury, 1952. 224 pp. 7.20 rubles.
- GRODZINSKI, P. *Getriebelehre*. I. *Geometrische Grundlagen*. 2d ed. (Sammlung Göschen, vol. 1061.) Berlin, de Gruyter, 1953. 159 pp. 2.40 DM.
- HAAG, J. *Les mouvements vibratoires*. Paris, Presses Universitaires de France, 1952. 268 pp. 1,600 fr.
- HEDRICK, E. R. See KLEIN, F.
- HILDEBRAND, F. B. *Methods of applied mathematics*. New York, Prentice-Hall, 1952. 11+523 pp. \$7.75.

- HILTON, P. J. *An introduction to homotopy theory*. (Cambridge Tracts in Mathematics and Mathematical Physics.) Cambridge University Press, 1953. 8+136 pp.
- HOBSON, E. W., HUDSON, H. P. SINGH, A. N., and KEMPE, A. B. *Squaring the Circle and other monographs*. New York, Chelsea, 1953. 4+57+4+143+7+110+3+51 pp. \$3.25.
- HUDSON, H. P. See HOBSON, E. W.
- IRWIN, B. W. See PARRISH, W.
- JOHN, F. *On behavior of solutions of partial differential equations*. College Park, Md., The Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, 1953. 1+24 pp. (mimeographed)
- KAPLAN, W. *A first course in functions of a complex variable*. Cambridge, Addison-Wesley, 1953. 7+485-619 pp. \$3.50.
- KAPLAN, W. *Advanced calculus*. Cambridge, Addison-Wesley, 1952. 13+679 pp. \$8.50.
- KELLEY, J. L. See McSHANE, E. J.
- KEMPE, A. B. See HOBSON, E. W.
- KIMBALL, W. S. *Calculus of variations by parallel displacement*. London, Butterworths Scientific Publications, 1952. 8+543 pp. \$7.50.
- KINOKUNIYA, Y. *A course of Radonian calculus*. Sapporo, Tanne Trading Co., 1953. 1+36 pp. \$0.30.
- KLEIN, F. *Elementary mathematics from an advanced standpoint. Arithmetic-algebra-analysis*. Trans. by E. R. Hedrick and C. A. Noble. New York, Dover, 1953. 9+274 pp. Cloth, \$3.25; paper, \$1.50.
- KNOPP, K. *Problem book in the theory of functions*. Vol. II. *Problems in the advanced theory of functions*. Trans. by F. Bagemihl. New York, Dover, 1953. 138 pp. Cloth, \$2.50; paper, \$1.25.
- KUENESSNER, H. G. *A review of the two-dimensional problem of unsteady lifting surface theory during the last thirty years*. College Park, Md., The Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, 1953. 1+22 pp. (mimeographed)
- KUENESSNER, H. O. *On the mathematical treatment of movements of the earth's crust*. College Park, Md., The Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, 1953. 1+20 pp. (mimeographed)
- LANGER, S. K. *An introduction to symbolic logic*. 2d ed. New York, Dover, 1953. 367 pp. Cloth, \$3.50; paper \$1.60.
- LEFSCHETZ, S. *Algebraic geometry*. Princeton University Press, 1953. 9+233 pp. \$5.00.
- LENSE, J. *Reihenentwicklungen in der mathematischen Physik*. 3d ed. Berlin, de Gruyter, 1953. 216 pp. 26 DM.
- LICHNEROWICZ, A. *Etude mathématique des théories relativistes de la gravitation et de l'électromagnétisme*. I. *Relativité générale classique*. Paris, 1953. 149 pp. (mimeographed)
- MCCREA, W. H. *Analytical geometry of three dimensions*. 2d ed. New York, Interscience, 1953. 7+144 pp. \$1.25.
- McSHANE, E. J. *Order-preserving maps and integration processes*. (Annals of Mathematics Studies, no. 31.) Princeton University Press, 1953. 6+136 pp. \$2.75.
- McSHANE, E. J., KELLEY, J. L., and RENO, F. V. *Exterior ballistics*. University of Denver Press, 1953. 12+834 pp., 1 plate. \$12.00.
- MACLANE, S. See BIRKHOFF, G.
- NOBLE, C. A. See KLEIN, F.
- PARRISH, W., EKSTEIN, M. G., and IRWIN, B. W. *Data for X-ray analysis*. Vol. II. *Tables for computing the lattice constant of cubic crystals*. Eindhoven, Philips' Technical Library, 1953. 81 pp.

- PARRISH, W., and IRWIN, B. W. *Data for X-ray analysis*. Vol. I. *Charts for solution of Bragg's equation ( $d$  versus  $\Theta$  and  $2\Theta$ )*. Eindhoven, Philips' Technical Library, 1953. 99 pp.
- PÉRÈS, J. *Mécanique générale*. Paris, Masson, 1953. 4+407 pp. 2545 fr.
- PICKERT, G. *Analytische Geometrie*. (Mathematik und ihre Anwendungen in Physik und Technik, Series A, vol. 24.) Leipzig, Geest and Portig, 1953. 10+398 pp. 26.00 DM.
- POLUBARINOVA-KOČINA, P. YA. *Teoriya dvizheniya gruntovykh vod*. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoretičeskoj Literatury, 1952. 676 pp. 13.85 rubles.
- Probability tables for the analysis of extreme-value data*. (National Bureau of Standards Applied Mathematics Series, no. 22.) Washington, Government Printing Office, 1953. 3+32 pp. \$0.25.
- RENO, F. V. See McSHANE, E. J.
- ROMIG, H. G. 50-100 *binomial tables*. New York, Wiley, 1953. 27+172 pp. \$4.00.
- SAARNIO, U. *Die Wohlordnung einer nichtabzählbaren Menge und die Lösung des Kontinuumproblems*. (Abhandlungen der Gesellschaft für Logik und ihre Anwendungen, no. 1.) Helsinki, 1953. 59 pp.
- SAGAN, H. See FUNK, P.
- SELIG, F. SEE FUNK, P.
- SHAW, F. S. *An introduction to relaxation methods*. New York, Dover, 1953. 396 pp. \$5.50.
- SINGH, A. N. See HOBSON, E. W.
- SOMINSKIĀ, I. S. See FADDEEV, D. K.
- SPENCER, D. C. *On Green's operators*. College Park, Md., The Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, 1952. 1+23 pp. (mimeographed)
- STRUİK, D. J. *Lectures on analytic and projective geometry*. Cambridge, Addison-Wesley, 1953. 9+291 pp. \$6.50.
- Tables of normal probability functions  $(1/(2\pi)^{1/2})e^{-x^2/2}$  and  $(1/(2\pi)^{1/2})\int_{-\infty}^x e^{-\alpha^2/2}d\alpha$* . (National Bureau of Standards Applied Mathematics Series, no. 23.) Washington, Government Printing Office, 1953. 9+344 pp. \$2.75.
- TORALDO DI FRANCIA, G. *Onde elettromagnetiche*. Bologna, Zanichelli, 1953. 13+286 pp. 3000 lire.
- VAN VEEN, H. J. *Inleiding tot de nomographie*. 2d printing. Groningen, Noordhoff, 1952. 197 pp. 12.50 fl.
- ZWELING, K. *Grundlagen einer Theorie der biharmonischen Polynome*. Berlin, Verlag Technik, 1952. 8+130 pp., 5 plates, 1 insert.

### ERRATA, Volume 59

Melvin Henriksen, *On the prime ideals of the ring of entire functions*, p. 66, abstract 82.

Line 1 of the abstract: For "nonmaximal ideals" read "nonmaximal prime ideals."

Line 6 of the abstract: For "The class  $P$  of all prime ideals" read "The class  $P_m$  of all prime ideals  $P$ ."