

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.
- ARTOBOLEVSKIĬ, I. I. *Teoriya mehanizmov i mašin*. 2d ed. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoreticheskoi Literatury, 1952. 704 pp. 15.75 rubles.
- Atti del Quarto Congresso dell'Unione Mathematica Italiana, Taormina, 1951*. Vol. I, 324 pp.; Vol. II, 684 pp. Rome, Casa Editrice Perrella, 1953. 9000 lire.
- BAGEMIHL, 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 babylonniennes*. 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. *Análise harmônica*. Notes prepared by J. Abdelhay. Rio de Janeiro, Universidade do Brasil, 1952. 3+212 pp.
- DUBNOV, Y. S. *Osnovy vektornogo ištěsleniya*. Part II. *Lineinyye funktsii vektora. Vektornyy analiz (teoriya polej)*. Načala tenzornogo ištěsleniya. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoreticheskoi 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 vysšej algebre*. 3d ed. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoreticheskoi Literatury, 1952. 308 pp. 7.20 rubles.
- FLORA, F. See GALILEI, G.
- FRIEDRICH, 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. *Transcendentnye i algebraičeskie čisla*. Moscow, Gosudarstvennoe Izdatel'stvo Tehniko-Teoreticheskoi 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.