

NEW PUBLICATIONS

PART I. PURE MATHEMATICS

- CHURCHILL (R. V.). Introduction to Fourier series and boundary value problems. Ann Arbor, R. V. Churchill, 1938. 4+94 pp.
- DEMING (W. E.). Some notes on least squares. Washington, D. C., Department of Agriculture, 1938. 4+181 pp.
- EMDE (F.). See RIEMANN (B.).
- FISCHER (P. B.). Arithmetik. (Sammlung Göschen, volume 47.) Berlin, de Gruyter, 1938. 152 pp.
- FLEMING (A.). Elementary mathematics for electrical engineers. London, Newnes, 1938. 110 pp.
- GENTZEN (G.). Die gegenwärtige Lage in der mathematischen Grundlagenforschung. Neue Fassung des Widerspruchsfreiheitsbeweises für reine Zahlentheorie. (Forschungen zur Logik und zur Grundlegung der exakten Wissenschaften, volume 4.) Hirzel, Leipzig, 1938. 44 pp.
- HATTENDORFF (K.). See RIEMANN (B.).
- HERBERG (T.). Elementary mathematics; analysis. New York and Boston, Heath; London, Harrap, 1938. 119 pp.
- HOLTAPPEL (H. W.). Tafels van e^x . Groningen, Noordhoff, 1938. 31+132 pp.
- HOPPER (V. F.). Medieval number symbolism; its sources, meaning, and influence on thought and expression. (Columbia University Studies in English and Comparative Literature, no. 132.) New York, Columbia University Press, 1938. 12+241 pp.
- HUSSMANN (A.). Rechnerische Verfahren zur harmonischen Analyse und Synthese mit Schablonen für eine Rechnung mit 12, 24, 36 oder 72 Ordinaten. Berlin, Springer, 1938. 28 pp.
- KURZ (P.). Das Unbegrenzte. Darmstadt, 1938. 4+138 pp.
- LAZAR (N.). The importance of certain concepts and laws of logic for the study and teaching of geometry. New York, The Mathematics Teacher, 1938. 66 pp.
- MILLER (F. H.). See REDDICK (H. W.).
- MILLER (G. A.). Collected works. Volume 2. Urbana, University of Illinois Press, 1938. 537 pp.
- MILNE (J.). A first analytical geometry: straight line and circle. London, Bell, 1938. 58 pp.
- PRESCOTT (G.). Practical geometry and mensuration. Part 3. London, Glasgow and Bombay, Blackie, 1938. 61 pp.
- REDDICK (H. W.) and MILLER (F. H.). Advanced mathematics for engineers. New York, Wiley; London, Chapman and Hall, 1938. 10+473 pp.
- REIDEMEISTER (K.). Topologie der Polyeder und kombinatorische Topologie der Komplexe. (Mathematik und ihre Anwendungen, volume 17.) Leipzig, Akademische Verlagsgesellschaft, 1938. 9+196 pp.
- REY PASTOR (J.). Curso de calculo infinitesimal. Buenos Aires, 1938. 432 pp.
- RIEMANN (B.). Partielle Differentialgleichungen und ihre Anwendungen auf physikalische Fragen. (Edited by K. Hattendorff, with introduction by F. Emde.) Braunschweig, Vieweg, 1938. 12+325 pp.
- ROBERTS (W. R. W.). Elliptic and hyperelliptic integrals and allied theory. Cambridge, University Press, 1938. 8+311 pp.

- SCHOUTEN (J. A.) and STRUIK (D. J.). Einführung in die neueren Methoden der Differentialgeometrie. Volume 2: Geometrie. 2d revised edition. Groningen, Noordhoff, 1938. 12+338 pp.
- SCHUH (F.). Leerboek der nieuwere meetkunde van het vlak en van de ruimte. Groningen, Noordhoff, 1938. 524 pp.
- SEMICENTENNIAL ADDRESSES. (American Mathematical Society Semicentennial Publications, volume 2.) New York, American Mathematical Society, 1938. 6+315 pp.
- SIDDONS (A. W.) and SNELL (K. S.). A new geometry. Cambridge, University Press, 1938. 16+304 pp.
- SNELL (K. S.). See SIDDONS (A. W.).
- SPERNER (E.). Zur Begründung der Geometrie im begrenzten Ebenenstück. (Schriften der Königsberger Gelehrten Gesellschaft. Naturwissenschaftliche Klasse, 14th year, no. 6.) Halle (Saale), Niemeyer, 1938. 22 pp.
- STRUIK (D. J.). See SCHOUTEN (J. A.).
- THOMAS (J. M.). Theory of equations. New York and London, McGraw-Hill, 1938. 10+211 pp.
- VAN HORN (C. E.). A preface to mathematics. Boston, Chapman and Grimes, 1938. 12+124 pp.
- WEISNER (L.). Introduction to the theory of equations. New York, Macmillan, 1938. 9+188 pp.

PART II. APPLIED MATHEMATICS

- ARCHIBALD (R. C.). A semicentennial history of the American Mathematical Society 1888-1938, with biographies and bibliographies of the past presidents. (American Mathematical Society Semicentennial Publications, volume 1.) New York, American Mathematical Society, 1938. 12+261 pp.
- BOREL (E.). Applications aux jeux de hasard. (Traité du Calcul des Probabilités et de ses Applications, volume 4, no. 2.) Paris, Gauthier-Villars, 1938. 12+122 pp.
- CASTELNUOVO (G.). Memorie scelte. Bologna, Zanichelli, 1937. 10+588 pp.
- FOSTER (L. B. R.). See MERGENDAHL (C. H.).
- HOGBEN (L.). Science for the citizen. New York, Knopf, 1938. 1090 pp.
- LANDAU (L.) and LIFSHITZ (E.). Statistical physics. (Translated from the Russian by D. Shoenberg.) Oxford, Clarendon Press; London, Oxford University Press, 1938. 8+234 pp.
- LENZEN (V. F.). Procedures of empirical science. (International Encyclopedia of Unified Science, volume 1, no. 5.) University of Chicago Press, 1938. 7+59 pp.
- LIFSHITZ (E.). See LANDAU (L.).
- MERGENDAHL (C. H.) and FOSTER (L. B. R.). One hundred problems in consumer credit. (Pollak Pamphlet, no. 35.) Newton, Mass., Pollak Foundation for Economic Research, 1938. 55 pp.
- SHOENBERG (D.). See LANDAU (L.).
- WATSON (W. H.). On understanding physics. Cambridge, University Press; New York, Macmillan, 1938. 12+146 pp.
- WAUGH (A. E.). Laboratory manual and problems for elements of statistical method. New York and London, McGraw-Hill, 1938. 10+171 pp.