

## SECTION I SERIAL PUBLICATIONS

- ACTA physica austriaca. Vienna  
1+, 1947+
- CHRISTIAAN Huygens  
1-18, 1921-40||
- CRANFIELD, England  
College of aeronautics  
Report  
1+, 1946+
- LENINGRAD  
Universitet  
Uchenye Zapiski  
Seriâ matemati cheskikh nauk  
1-11, 1936-44
- MATHEMATICAL and physical society of Egypt, Cairo  
Proceedings  
1+, 1937+
- PHILIPS research reports. (Philips' gloeilampen fabrieken) Eindhoven, Holland  
1+, 1945+
- PRAGUE  
Universita Karlova  
Prirodovedecka fakulta  
Spisy  
3, 5-6, 32, 34, 40, 47, 117, 131, 134, 145, 181, 182, 1923-48
- QUARTERLY journal of mechanics and applied mathematics. Oxford  
1+, 1948+
- RIVEON lematematika. Jerusalem  
1+, 1946+
- SIMON STEVIN; wis- en natuurkundig tijdschrift, Groningen  
25+, 1946+

## SECTION II NONSERIAL PUBLICATIONS

- ADVANCES in applied mechanics. Ed. by R. v. Mises and T. von Kármán. vi, New York, 1948.
- AKADEMJA umiejtnosci, Krakow. Wykaz prac z dzia u nauk matematyczno-przyrodniczych wykonanych w polsce w okresie okupacji niemieckiej w latach 1939-1945. [List of the works achieved in the field of mathematics and the sciences in Poland during the German occupation, 1939-1945] (Text in English and French) Krakow, 1947.
- ALBERT, A. A. Solid analytic geometry. New York, 1949.
- ARLEY, N. On the theory of stochastic processes and their application to the theory of cosmic radiation. New York, 1948.
- ARTIN, E. *See* Waerden, B. L. van der.
- ATHEN, H. Ebene und sphärische trigonometrie. Wolfenbüttel, 1948.
- Vektorrechnung. Wolfenbüttel, 1948.
- BEHNKE, H. Infinitesimalrechnung. Prepared for publication by P. K. Thullen. Part 1 3d ed., part 2 2d ed., Münster, 1948.
- BERS, L. *See* KNOPP, K.
- BERKELEY symposium on mathematical statistics and probability, University of California, 1945-1946. Ed. by Jerzy Neyman. Berkeley, 1949.
- BERNSTEIN, S. Ed. by. A centenary of Marxism. New York, 1948.
- BEYER, R. T. *See* WILLERS, F. A.
- BIRKHOFF, G. Lattice theory. Rev. ed., New York, 1949. (Amer. math. soc. colloquium publ. v25)
- BLASCHKE, W. Analytische geometrie. Wolfenbüttel, 1948.
- Projektive geometrie. 2d ed., Wolfenbüttel, 1948.
- BLUM, F. *See* WAERDEN, B. L. VAN DER.

- BOLZANO, B. Geometrické práce. Ed. by J. Vojtěch. Prague, 1948.
- BROCKMEYER, E., HALSTROM, H. L., and JENSEN, A. The life and works of A. K. Erlang. Copenhagen, 1948.
- CHIARULLI, P. Stability of two-dimensional velocity distributions of the half-jet type. Dayton, 1949.
- CHIARULLI, P., and FREEMAN, J. C. Stability of the boundary layer. Dayton, 1948.
- CHICAGO, university. Theses on the calculus of variations, 1933. Chicago, 1933.
- CHRISTIANOVICH, S. A. Approximate integration of the equations of supersonic gas flow. Dayton, 1949.
- COLUMBIA university, statistical research group. Sampling inspection; principles, procedures, and tables for single, double and sequential sampling in acceptance inspection and quality control based on percent defective. New York, 1948.
- CRANK, J. The differential analyser. London, 1947.
- DENJOY, A. Leçons sur le calcul des coefficients d'une série trigonométrique. Paris, 1941.
- ERLANG, A. K. *See* BROCKMEYER, E.
- FALKOVICH, S. On a class of Laval nozzles. Dayton, 1949.
- On the theory of a wing of finite aspect ratio in supersonic flow. Dayton, 1949.
- Plane motion of a gas at hypersonic velocity. Dayton, 1949.
- The lift force of a wing of finite span in supersonic flow. Dayton, 1949.
- FANO, G. Lezioni di geometria analitica e proiettiva. 2d ed., Turin, 1948.
- FIAT review of German science, 1939–1946. Applied mathematics. Ed. by A. Walther and others. (Text in German) 4v, Wiesbaden, 1948. Pure Mathematics. Ed. by W. Süss and others. (Text in German) 2v, Wiesbaden, 1948.
- FRANKL, F. I. Asymptotic resolution of Chaplygin's functions. Dayton, 1949.
- The flow of a supersonic jet from a vessel with plane walls. Dayton, 1949.
- FREEMAN, J. C. *See* CHIARULLI, P.
- GALIN, L. A. A wing of rectangular plan form in supersonic flow. Dayton, 1949.
- Remarks on the wing of finite aspect ratio in supersonic flow. Dayton, 1949.
- GERRITSEN, J. C. H. Niet-Euklidische meetkunde. 2d ed., Gorinchem, 1949.
- GOLDMAN, S. Transformation calculus and electrical transients. New York, 1949.
- GRÖBNER, W. Moderne algebraische geometrie; die ideal-theoretischen grundlagen. Vienna, 1949.
- See also* SEVERI, F.
- GRÖBNER, W., and HOFREITER, N. Ed. by. Integraltafel. Vienna, 1949.
- GUILLEMIN, E. A. The mathematics of circuit analysis; extensions to the mathematical training of electrical engineers. New York, 1949.
- GUREVICH, M. I. Remarks on the triangular wing in supersonic flow. Dayton, 1949.
- HALSTROM, H. L. *See* BROCKMEYER, E.
- HAMMERSCHMIDT, W. W. Whitehead's philosophy of time. New York, 1947.
- HASKIND, M. D. An oscillating wing of finite aspect ratio in supersonic flow. Dayton, 1949.
- HENDERSON, ARCHIBALD, The new crichton. Ed. by S. S. Hood. New York, 1949.
- HOFREITER, N. *See* GRÖBNER, W.
- HOOD, S. S. *See* HENDERSON, A.
- HOPF, L. Introduction to the differential equations of physics. Trans. by W. Nef. New York, 1948.
- HOUTERMANS, C. *See* WENTZEL, G.
- IÑIGUEZ ALMECH, J. M. Mecánica cuántica. Zaragoza, 1949.
- JAUCH, J. M. *See* WENTZEL, G.
- JENSEN, A. *See* BROCKMEYER, E.
- JOHNSON, M. C. Time, knowledge, and the nebulae; an introduction to the meanings of time in physics, astronomy, and philosophy, and the relativities of Einstein and of Milne. New York, 1947.
- KÁRMÁN, T. von. *See* Advances in applied mechanics.
- KARP, S. N. The oscillating airfoil in compressible flow. Part 2, Dayton, 1948.
- KATTSOFF, L. O. A philosophy of mathematics. Ames, Iowa, 1948.
- KELLEY, T. L. The Kelley statistical tables. Rev. ed., Cambridge, Mass., 1948.
- KNOPP, K. Theorie und anwendung der unendlichen reihen. 4th ed., Berlin, 1947.
- Problem book in the theory of functions. Trans by L. Bers. New York, 1948.
- KOLMOGOROV, A. N. Grundbegriffe der wahrscheinlichkeitsrechnung. New York, 1946.
- KRUPPA, E. *See* MÜLLER, E. A.
- KUDRIASHOV, L. K. Plane parallel gas flow past an ellipse. Dayton, 1949.
- LEJA, F. Rachunek różniczkowy i całkowy ze wstępem do równań różniczkowych. Krakow, 1947.

- LOYTSIANSKY, L. G. Reaction of the boundary layer on the distribution of pressure over the surface of a body in a flow of real fluid. Dayton, 1949.
- LUNEBURG, R. K. Mathematical analysis of binocular vision. Princeton, 1947.
- MACROBERT, T. M. Spherical harmonics; an elementary treatise on harmonic functions, with applications. 2d rev. ed., New York, 1948.
- MISES, R. v. *See* Advances in applied mechanics.
- MORAND, M. Introduction mathématique aux théories physiques modernes, v1, Paris, 1947.
- MÜLLER, E. A., and KRUPPA, E. Lehrbuch der darstellenden geometrie. 5th ed., Vienna, 1948.
- NACHBIN, L. Combinação de topologias. Rio de Janeiro, 1948.
- NEF, W. *See* HOPF, L.
- NEYMAN, J. *See* Berkeley symposium.
- NOETHER, E. *See* WAERDEN, B. L. VAN DER.
- SCHAAF, W. L. Mathematics, our great heritage; essays on the nature and cultural significance of mathematics. New York, 1948.
- SCHAEFER, M. Formation of envelopes of curved Mach waves in flow along a convex wall. Dayton, 1949.
- Outflow of a jet of compressed air into moving air. Dayton, 1949.
- SCHELVEN, T. VAN. An introduction to definitive philosophy and basic psychology. Amsterdam, 1947.
- SCHILLINGER, J. The mathematical basis of the arts. New York, 1948.
- SCHUMANN, T. E. W. Mathematical tables for fitting polynomials to an evenly-spaced series of data. Pretoria, 1947.
- SEVERI, F. Grundlagen der abzählenden geometrie. Trans. by W. Gröbner. Wolfenbüttel, 1948.
- SLOOTEN, J. VAN. Meetkundige beschouwingen in verband met de theorie der elektrische vierpolen. Diss., Delft, 1946.
- STUMPERS, F. L. H. M. Eenige onderzoeken over trillingen met frequentiemodulatie. Diss., Delft, 1946.
- SÜSS, W. *See* FIAT review of German science.
- SYMPOSIA in applied mathematics.
1. Providence, 1947. Non-linear problems in mechanics of continua. New York, 1949.
- THULLEN, P. K. *See* BEHNKE, H.
- UNIONE matematica Italiana. Atti del secondo Congresso dell'unione matematica italiana tenuto in Bologna nei Giorni 4-5-6 Aprile 1940—xviii sotto gli auspice della R. Universita de Bologna e del consiglio nazionale delle ricerche. Rome, 1942.
- VOJTEČH, J. *See* BOLZANO, B.
- WADE, T. L. An introduction to the algebra of vectors and matrices. Tallahassee, 1949.
- WAERDEN, B. L. VAN DER. Modern algebra; in part a development from lectures by E. Artin and E. Noether. Trans. from 2d rev. German ed. by F. Blum, v1, New York, 1949.
- WAISMANN, F. Einführung in das mathematische denken, die begriffsbildung der modernen mathematik. 2d ed., Vienna, 1947.
- WALD, A. Sequential analysis. New York, 1947.
- WALTHER, A. *See* FIAT review of German science.
- WENTZEL, G. Quantum theory of fields. Trans. by C. Houtermans and J. M. Jauch. New York, 1949.
- WILDER, R. L. Topology of manifolds. New York, 1949. (Amer. Math. Soc. colloquium publ. v32)
- WILLERS, F. A. Practical analysis, graphical and numerical methods. Trans. by R. T. Beyer. New York, 1948.