

- Laurent, P.-A. (1843). Extension du théorème de M. Cauchy relatif à la convergence du développement d'une fonction suivant les puissances ascendantes de la variable. *Comp. Rend.*, **17**, 348–349.
- Lebesgue, H. (1902). Intégrale, longueur, aire. *Ann. Mat., ser. 3*, **7**, 231–359.
- Legendre, A.-M. (1794). *Éléments de géométrie*. F. Didot, Paris.
- Legendre, A.-M. (1825). *Traité des fonctions elliptiques*. Huzard-Courcier, Paris.
- Leibniz, G. W. (1666). *Dissertatio de arte combinatoria*. In Leibniz' *Mathematische Schriften* 5, 7–79.
- Leibniz, G. W. (1675). De bisectione laterum. See Schneider (1968).
- Leibniz, G. W. (1684). Nova methodus pro maximis et minimis. *Acta Erud.*, **3**, 467–473. In his *Mathematische Schriften* 5, 220–226. English translation in Struik (1969).
- Leibniz, G. W. (1686). De geometria recondita et analysi indivisibilium atque infinitorum. *Acta Erud.*, **5**, 292–300. Also in Leibniz' *Mathematische Schriften* 5, 226–233.
- Leibniz, G. W. (1691). De linea in quam flexile se pondere proprio curvat, ejusque usu insigni ad inveniendas quotcunque medias proportionales et logarithmos. *Acta Erud.*, **10**, 277–281. In his *Mathematische Schriften* 5: 243–247.
- Leibniz, G. W. (1697). Communicatio suae pariter duarumque alienarum ad edendum sibi primum a Dn. Joh. Bernoullio. *Acta Erud.*, **16**, 205–210. In his *Mathematische Schriften* 5: 331–336.
- Leibniz, G. W. (1702). Specimen novum analyseos pro scientia infiniti circa summas et quadraturas. *Acta Erud.*, **21**, 210–219. In his *Mathematische Schriften* 5: 350–361.
- Levi ben Gershon (1321). *Maaser Hoshev*. German translation by Gerson Lange: *Sefer Maasei Choscheb*, Frankfurt 1909.
- l'Hôpital, G. F. A. d. (1696). *Analyse des infiniment petits*. English translation *The Method of Fluxions both Direct and Inverse*, William Ynnis, London 1730.
- l'Hôpital, G. F. A. d. (1697). Solutio problematis de linea celerrimi descensus. *Acta Erud.*, **16**, 217–220.
- Li, Y. and Du, S. R. (1987). *Chinese Mathematics: A Concise History*. The Clarendon Press Oxford University Press, New York. Translated from the Chinese and with a preface by John N. Crossley and Anthony W.-C. Lun. With a foreword by Joseph Needham.

- Libbrecht, U. (1973). *Chinese Mathematics in the Thirteenth Century*. M.I.T. Press, Cambridge, MA. The *Shu-shu chiu-chang* of Ch'in Chiu-shao, MIT East Asian Science Series, 1.
- Lindemann, F. (1882). Über die Zahl  $\pi$ . *Math. Ann.*, **20**, 213–225.
- Liouville, J. (1833). Mémoire sur les transcendentes elliptiques de première et de seconde espèce considérées comme fonctions de leur amplitude. *J. Éc. Polytech.*, **23**, 37–83.
- Liouville, J. (1850). Note IV to Monge's *Application de l'analyse à la géométrie*, 5th ed. Bachelier, Paris.
- Lobachevsky, N. I. (1829). *On the Foundations of Geometry*. Kazansky Věstnik. (Russian).
- Lobachevsky, N. I. (1836). Application of imaginary geometry to some integrals. *Zap. Kazan Univ.*, **1**, 3–166. (Russian).
- Lohne, J. A. (1965). Thomas Harriot als Mathematiker. *Centaurus*, **11**(1), 19–45.
- Lohne, J. A. (1979). Essays on Thomas Harriot. *Arch. Hist. Exact Sci.*, **20**(3-4), 189–312. I. Billiard balls and laws of collision, II. Ballistic parabolas, III. A survey of Harriot's scientific writings.
- Lyusternik, L. A. (1966). *Convex Figures and Polyhedra*. D. C. Heath and Co., Boston, MA. Translated and adapted from the first Russian edition (1956) by Donald L. Barnett.
- Maclaurin, C. (1720). *Geometrica organica sive descriptio linearum curvarum universalis*. G. and J. Innys, London.
- Magnus, W. (1930). Über diskontinuierliche Gruppen mit einer definierenden Relation (der Freiheitssatz). *J. reine und angew. Math.*, **163**, 141–165.
- Magnus, W. (1974). *Noneuclidean Tessellations and Their Groups*. Academic Press (a subsidiary of Harcourt Brace Jovanovich, Publishers), New York-London. Pure and Applied Mathematics, Vol. 61.
- Mahoney, M. J. (1973). *The Mathematical Career of Pierre de Fermat*. Princeton University Press, Princeton, NJ.
- Markov, A. (1958). The insolubility of the problem of homeomorphy (Russian). *Dokl. Akad. Nauk SSSR*, **121**, 218–220.
- Masotti, A. (1960). Sui “Cartelli di matematica disfida” scambiati fra Lodovico Ferrari e Niccolò Tartaglia. *Ist. Lombardo Accad. Sci. Lett. Rend. A*, **94**, 31–41. (1 plate).

- Matiyasevich, Y. V. (1970). The Diophantineness of enumerable sets. *Dokl. Akad. Nauk SSSR*, **191**, 279–282.
- McKean, H. and Moll, V. (1997). *Elliptic Curves*. Cambridge University Press, Cambridge.
- Melzak, Z. A. (1976). *Companion to Concrete Mathematics. Vol. II. Mathematical Ideas, Modeling and Applications*. Wiley-Interscience (John Wiley & Sons), New York. Foreword by Wilhelm Magnus.
- Mengoli, P. (1650). *Novae quadraturae arithmeticae seu de additione fractionum*. Iacob Montij, Bononi.
- Mercator, N. (1668). *Logarithmotechnia*. William Godbid and Moses Pitt, London.
- Mersenne, M. (1625). *La vérité des sciences*. Toussaint du Bray, Paris.
- Mersenne, M. (1636). *Harmonie Universelle*. Facsimile published by CNRS, Paris, 1963.
- Minding, F. (1839). Wie sich entscheiden lässt, ob zwei gegebene krumme Flächen auf einander abwickelbar sind oder nicht; nebst Bemerkungen über die Flächen von unveränderlichem Krümmungsmasse. *J. reine und angew. Math.*, **19**, 370–387.
- Minding, F. (1840). Beiträge zur Theorie der kürzesten Linien auf krummen Flächen. *J. reine und angew. Math.*, **20**, 323–327.
- Möbius, A. F. (1827). Der barycentrische Calcul. *Werke* 1, 1–388.
- Möbius, A. F. (1863). Theorie der Elementaren Verwandtschaft. *Werke* 2: 433–471.
- Moise, E. E. (1963). *Elementary Geometry from an Advanced Standpoint*. Addison-Wesley Publishing Co., Inc., Reading, MA-Palo Alto, CA-London.
- Mordell, L. J. (1922). On the rational solutions of the indeterminate equations of the third and fourth degrees. *Cambr. Phil. Soc. Proc.* **21**, 179–192 (1922).
- Nathanson, M. B. (1987). A short proof of Cauchy's polygonal number theorem. *Proc. Amer. Math. Soc.*, **99**(1), 22–24.
- Neugebauer, O. and Sachs, A. (1945). *Mathematical Cuneiform Texts*. Yale University Press, New Haven, CT.
- Neumann, C. (1865). *Vorlesungen über Riemann's Theorie der Abelschen Integralen*. Teubner, Leipzig.

- Neumann, C. (1870). Zur Theorie des logarithmischen und des Newtonschen Potentiales, zweite Mitteilung. *Ber. König. Sächs. Ges. Wiss., math.-phys. Cl.*, pages 264–321.
- Newton, I. (1665a). Annotations on Wallis. *Mathematical Papers* 1, 96–111.
- Newton, I. (1665b). The geometrical construction of equations. *Mathematical Papers* 1, 492–516.
- Newton, I. (1665c). Normals, curvature and the resolution of the general problem of tangents. *Mathematical Papers* 1: 245–297.
- Newton, I. (1667). Enumeratio curvarum trium dimensionum. *Mathematical Papers* 12, 10–89.
- Newton, I. (1669). De analysi. *Mathematical Papers*, 2, 206–247.
- Newton, I. (1670s). De resolutione quaestionum circa numeros. *Mathematical Papers*, 4: 110–115.
- Newton, I. (1671). De methodis serierum et fluxionum. *Mathematical Papers*, 3, 32–353.
- Newton, I. (1676a). Letter to Oldenburg, 13 June 1676. In Turnbull (1960), pp. 20–47.
- Newton, I. (1676b). Letter to Oldenburg, 24 October 1676. In Turnbull (1960), pp. 110–149.
- Newton, I. (1687). *Philosophiae naturalis principia mathematica*. William Dawson & Sons, Ltd., London. Facsimile of first edition of 1687.
- Newton, I. (1695). Enumeratio linearum tertii ordinis. *Mathematical Papers*, 7, 588–645.
- Newton, I. (1697). The twin problems of Johann Bernoulli's "Programma" solved. *Phil. Trans.*, **17**, 388–389. In his *Mathematical Papers* 8: 72–79.
- Nicéron, F. (1638). *La perspective curieuse*. P. Billaine, Paris.
- Nielsen, J. (1927). Untersuchungen zur Topologie der geschlossenen zweiseitigen Flächen. *Acta Math.*, **50**, 189–358.
- Novikov, P. S. (1955). On the algorithmic unsolvability of the word problem in group theory (Russian). *Dokl. Akad. Nauk SSSR Mat. Inst. Tr.*, **44**. English translation in *Amer. Math. Soc. Transl. ser. 2*, **9**, 1–122.

- O'Donnell, S. (1983). *William Rowan Hamilton*. Boole Press, Dún Laoghaire. With a foreword by A. J. McConnell.
- Ore, O. (1953). *Cardano, the gambling scholar. With a translation from the Latin of Cardano's "Book on games of chance," by S. H. Gould*. Princeton University Press, Princeton, NJ.
- Ore, O. (1957). *Niels Henrik Abel: Mathematician Extraordinary*. University of Minnesota Press, Minneapolis, MN.
- Oresme, N. (1350a). *Quaestiones super geometriam Euclidis*. Edited by H. L. L. Busard. Janus, suppléments, Vol. III, E. J. Brill, Leiden, 1961.
- Oresme, N. (1350b). *Tractatus de configurationibus qualitatum et motuum*. English translation in Clagett (1968).
- Ostrogradsky, M. (1828). Démonstration d'un théorème du calcul integral. *Mém. Acad. Sci. St. Petersburg*, ser. 6, 1, 39–53.
- Ostrowski, A. (1920). Über den ersten und vierten Gausschen Beweis des Fundamentalsatzes der Algebra. *Gauss Werke* 10, part 2, 1–18.
- Pacioli, L. (1509). *De divina proportionem*. Paganus Paganinus, Venice.
- Paris, J. and Harrington, L. (1977). A mathematical incompleteness in Peano arithmetic. In *Handbook of Mathematical Logic*, ed. J. Barwise, North-Holland, Amsterdam.
- Pascal, B. (1640). *Essay pour les coniques*. Paris.
- Pascal, B. (1654). *Traité du triangle arithmétique, avec quelques autres petits traités sur la même manière*. English translation in *Great Books of the Western World*, Encyclopedia Britannica, London, 1952, 447–473.
- Pearson, K. (1978). *The History of Statistics in the 17th and 18th Centuries*. Macmillan Co., New York. Lectures given at University College, London, during the academic sessions 1921–1933. Edited and with a preface by Egon S. Pearson.
- Pierpont, J. (1895). Zur Geschichte der Gleichung des V. Grades (bis 1858). *Monatsh. f. Math.* VI. 15–68.
- Plücker, J. (1830). Über ein neues Coordinatensystem. *J. reine angew. Math.*, 5, 1–36. *Gesammelte Mathematische Abhandlungen* 124–158.
- Plücker, J. (1847). Note sur le théorème de Pascal. *J. reine angew. Math.*, 34, 337–340. *Gesammelte Mathematische Abhandlungen* 413–416.

- Poincaré, H. (1882). Théorie des groupes fuchsien. *Acta Math.*, **1**, 1–62. In his *Oeuvres* 2: 108–168. English translation in Poincaré (1985), 55–127.
- Poincaré, H. (1883). Mémoire sur les groupes Kleinéens. *Acta Math.*, **3**, 49–92. English translation in Poincaré (1985), 255–304.
- Poincaré, H. (1892). *New Methods of Celestial Mechanics. Vol. 1.* Periodic and asymptotic solutions, translated from the French, revised reprint of the 1967 English translation, with endnotes by V. I. Arnol'd, edited and with an introduction by Daniel L. Goroff, American Institute of Physics, New York, 1993.
- Poincaré, H. (1893). *New Methods of Celestial Mechanics. Vol. 2.* Approximations by series, translated from the French, revised reprint of the 1967 English translation, with endnotes by V. M. Alekseev, edited and with an introduction by Daniel L. Goroff, American Institute of Physics, New York, 1993.
- Poincaré, H. (1895). Analysis situs. *J. Éc. Polytech., ser. 2*, **1**, 1–121. In his *Oeuvres* 6: 193–288.
- Poincaré, H. (1899). *New Methods of Celestial Mechanics. Vol. 3.* Integral invariants and asymptotic properties of certain solutions, translated from the French, revised reprint of the 1967 English translation, with endnotes by G. A. Merman, edited and with an introduction by Daniel L. Goroff, American Institute of Physics, New York, 1993.
- Poincaré, H. (1901). Sur les propriétés arithmétiques des courbes algébriques. *J. Math.*, **7**, 161–233. In his *Oeuvres* 5: 483–548.
- Poincaré, H. (1904). Cinquième complément à l'analysis situs. *Palermo Rend.*, **18**, 45–110. In his *Oeuvres* 6: 435–498.
- Poincaré, H. (1907). Sur l'uniformisation des fonctions analytiques. *Acta Math.*, **31**, 1–63. In his *Oeuvres* 4: 70–139.
- Poincaré, H. (1918). *Science et Méthode*. Flammarion, Paris. English translation in *The Foundations of Science*, Science Press, New York, 1929, 357–553.
- Poincaré, H. (1955). Le Livre du Centenaire de la Naissance de Henri Poincaré. *Oeuvres* 11.
- Poincaré, H. (1985). *Papers on Fuchsian Functions*. Springer-Verlag, New York. Translated from the French and with an introduction by John Stillwell.
- Pólya, G. (1954a). An elementary analogue to the Gauss–Bonnet theorem. *Amer. Math. Monthly*, **61**, 601–603.

- Pólya, G. (1954b). *Induction and Analogy in Mathematics. Mathematics and Plausible Reasoning, Vol. I.* Princeton University Press, Princeton, NJ.
- Poncelet, J. V. (1822). *Traité des propriétés projectives des figures.* Bachelier, Paris.
- Post, E. L. (1936). Finite combinatory processes. Formulation 1. *J. Symb. Logic*, **1**, 103–105.
- Post, E. L. (1941). Absolutely unsolvable problems and relatively undecidable propositions. Account of an anticipation. In Davis (1965), pp. 340–433.
- Post, E. L. (1944). Recursively enumerable sets of positive integers and their decision problems. *Bull. Amer. Math. Soc.*, **50**, 284–316.
- Prouhet, E. (1860). Remarques sur un passage des oeuvres inédits de Descartes. *Comp. Rend.*, **50**, 779–781.
- Puiseux, V.-A. (1850). Recherches sur les fonctions algébriques. *J. Math.*, **15**, 365–480.
- Rabinovitch, N. L. (1970). Rabbi Levi ben Gershon and the origins of mathematical induction. *Arch. Hist. Exact Sci.*, **6**, 237–248.
- Rajagopal, C. T. and Rangachari, M. S. (1977). On an untapped source of medieval Keralese mathematics. *Arch. History Exact Sci.*, **18**(2), 89–102.
- Rajagopal, C. T. and Rangachari, M. S. (1986). On medieval Kerala mathematics. *Arch. Hist. Exact Sci.*, **35**(2), 91–99.
- Ramsey, F. P. (1929). On a problem of formal logic. *Proc. Lond. Math. Soc.*, **30**, 291–310.
- Raspail, F. V. (1839). *Lettres sur les Prisons de Paris, Vol. 2.* Paris.
- Ribet, K. A. (1990). On modular representations of  $\text{Gal}(\overline{\mathbf{Q}}/\mathbf{Q})$  arising from modular forms. *Invent. Math.*, **100**(2), 431–476.
- Riemann, G. F. B. (1851). Grundlagen für eine allgemeine Theorie der Functionen einer veränderlichen complexen Grösse. *Werke*, 2nd ed., 3–48.
- Riemann, G. F. B. (1854a). Über die Darstellbarkeit einer Function durch eine trigonometrische Reihe. *Werke*, 2nd ed., 227–264.
- Riemann, G. F. B. (1854b). Über die Hypothesen, welche der Geometrie zu Grunde liegen. *Werke*, 2nd ed., 272–287.

- Riemann, G. F. B. (1857). Theorie der Abel'schen Functionen. *J. reine und angew. Math.*, **54**, 115–155. *Werke*, 2nd ed., 82–142.
- Riemann, G. F. B. (1858a). *Elliptische Funktionen*. Ed. H. Stahl, Leipzig, 1899.
- Riemann, G. F. B. (1858b). Vorlesungen über die hypergeometrische Reihe. *Werke*, 2nd ed., Dover, New York, 1953.
- Riemann, G. F. B. (1859). Über die Anzahl der Primzahlen unter einer gegebenen Grösse. *Werke*, 2nd ed., 145–153. English translation in Edwards (1974), 299–305.
- Robert, A. (1973). *Elliptic Curves*. Springer-Verlag, Berlin. Notes from postgraduate lectures given in Lausanne 1971/72, Lecture Notes in Mathematics, Vol. 326.
- Robinson, A. (1966). *Non-standard Analysis*. North-Holland Publishing Co., Amsterdam.
- Rodrigues, O. (1840). Des lois géométriques qui régissent les déplacements d'un système solide dans l'espace, et de la variation des coordonnées provenant de ces déplacements considérés indépendamment des causes qui peuvent les produire. *J. de Math. Pures et Appliquées, ser. 1*, **5**, 380–440.
- Rose, P. L. (1976). *The Italian Renaissance of Mathematics*. Librairie Droz, Geneva. Studies on humanists and mathematicians from Petrarch to Galileo, *Travaux de l'Humanisme et Renaissance*, 145.
- Rosen, M. (1981). Abel's theorem on the lemniscate. *Amer. Math. Monthly*, **88**(6), 387–395.
- Rothman, T. (1982). Genius and biographers: the fictionalization of Évariste Galois. *Amer. Math. Monthly*, **89**(2), 84–106.
- Ruffini, P. (1799). *Teoria generale delle equazioni in cui si dimostra impossibile la soluzione algebrica delle equazioni generale di grade superiore al quarto*. Bologna.
- Saccheri, G. (1733). *Euclides ab omni naevo vindicatus*. Pauli Antoni Montani, Milan. English translation, Open Court, Chicago, 1920.
- Salmon, G. (1851). Théorèmes sur les courbes de troisième degré. *J. reine und angew. Math.*, **42**, 274–276.
- Schneider, I. (1968). Der Mathematiker Abraham de Moivre (1667-1754). *Arch. Hist. Exact Sci.*, **5**, 177–317.