Bombelli, R. (1572). *L'algebra. Prima edizione integrale. Introduzione di U. Forti. Prefazione di E. Bortolotti.* Reprint by Biblioteca scientifica Feltrinelli. 13. Milano: Giangiacomo Feltrinelli Editore. LXIII (1966).

Bonnet, O. (1848). Mémoire sur la théorie générale des surfaces. *J. Éc. Polytech.*, **19**, 1–146.

Bonola, R. (1912). *Noneuclidean Geometry.* Open Court, Chicago. Reprinted by Dover, New York, 1955.

Boole, G. (1847). *Mathematical Analysis of Logic.* Reprinted by Basil Blackwell, London, 1948.

Borel, E. (1898). *Leçons sur la théorie des fonctions.* Gauthier-Villars, Paris.

Bos, H. J. M. (1981). On the representation of curves in Descartes' *Géométrie. Arch. Hist. Exact Sci.*, **24**(4), 295–338.

Bos, H. J. M. (1984). Arguments on motivation in the rise and decline of a mathematical theory; the "construction of equations," 1637–ca. 1750. *Arch. Hist. Exact Sci.*, **30**(3-4), 331–380.

Bosse, A. (1648). *Manière universelle de Mr Desargues.* P. Des-Hayes, Paris.

Bourgne, R. and Azra, J.-P. (1962). *Ecrits et mémoires mathématiques d'Évariste Galois: Édition critique intégrale de ses manuscrits et publications.* Gauthier-Villars & Cie, Imprimeur-Éditeur-Libraire, Paris. Préface de J. Dieudonné.

Boyer, C. B. (1956). *History of Analytic Geometry.* Scripta Mathematica, New York.

Boyer, C. B. (1959). *The History of the Calculus and Its Conceptual Development.* Dover Publications Inc., New York.

Boyer, C. B. (1968). *A History of Mathematics.* John Wiley & Sons Inc., New York.

Brahana, H. R. (1921). Systems of circuits on 2-dimensional manifolds. *Ann. Math.*, **23**, 144–168.

Brahmagupta (628). *Brâhma-sphuṭa-siddhânta.* Partial English translation in Colebrooke (1817).

Brieskorn, E. and Knörrer, H. (1981). *Ebene algebraische Kurven.* Birkhäuser Verlag, Basel. English translation: *Plane Algebraic Curves*, Birkhäuser Verlag, 1986.

Briggs, H. (1624). *Arithmetica logarithmica.* William Jones, London.

Bring, E. S. (1786). *Meletemata quaedam mathematica circa transformationem aequationum algebraicarum.* Lund University. Promotionschrift.

Burton, D. M. (1985). *The History of Mathematics.* Allyn and Bacon Inc., Boston, MA.

Cajori, F. (1913). History of the exponential and logarithmic concepts. *Amer. Math. Monthly*, **20**, 5–14, 35–47, 75–84, 107–117, 148–151, 173–182, 205–210.

Cantor, G. (1872). Über die Ausdehnung eines Satzes aus der Theorie der trigonometrischen Reihen. *Math. Ann.*, **5**, 123–132. In his *Gesammelte Abhandlungen*, 92–102.

Cantor, G. (1874). Über eine Eigenschaft des Inbegriffes aller reellen algebraischen Zahlen. *J. reine und angew. Math.*, **77**, 258–262. In his *Gesammelte Abhandlungen*, 145–148.

Cantor, G. (1880). Über unendlich lineare Punktmannigfaltigkeiten, 2. *Math. Ann.*, **17**, 355–358. In his *Gesammelte Abhandlungen*, 145–148.

Cantor, G. (1883). *Grundlagen einer allgemeinen Mannigfaltigkeitslehre.* Teubner, Leizig. In his *Gesammelte Abhandlungen*, 165–204.

Cantor, G. (1891). Über eine elementare Frage der Mannigfaltigkeitslehre. *Jahresber. deutsch. Math. Verein.*, **1**, 75–78.

Cardano, G. (1545). *Ars magna.* 1968 translation *The great art or the rules of algebra* by T. Richard Witmer, with a foreword by Oystein Ore. The M.I.T. Press, Cambridge, MA-London.

Cardano, G. (1575). *De Vita Propria Liber.* English translation *The Book of My Life*, Dover, New York 1962.

Cauchy, A.-L. (1813). Démonstration du théorème général de Fermat sur les nombres polygones. *Mém. Sci. Math. Phys. Inst. France, ser. 1*, **14**, 177–220. In his *Oeuvres*, ser. 2, 6: 320–353.

Cauchy, A.-L. (1815). Mémoire sur le nombre des valeurs qu'une fonction peut acquerir, lorsqu'on y permute de toutes les manières possibles les quantités qu'elle renferme. *J. Éc. Polytech.*, **18**, 1–28. In his *Oeuvres*, ser. 2, 1: 62–90.

Cauchy, A.-L. (1825). *Mémoire sur les intégrales définies prises entre des limites imaginaires.* Paris.

Cauchy, A.-L. (1837). Letter to Coriolis, 29 January 1837. *Comp. Rend.*, **4**, 214–218. In his *Oeuvres*, ser. 1, 4: 38–42.

Cauchy, A.-L. (1844). Mémoire sur les arrangements que l'on peut former avec des lettres données, et sur les permutations ou substitutions à l'aide desquelles on passe d'un arrangement à un autre. *Ex. anal. phys. math.*, **3**, 151–252. In his *Oeuvres*, ser. 2, 13: 171–282.

Cauchy, A.-L. (1846). Sur les intégrales qui s'étendent à tous les points d'une courbe fermée. *Comp. Rend.*, **23**, 251–255. In his *Oeuvres*, ser. 1, 10: 70–74.

Cavalieri, B. (1635). *Geometria indivisibilibus continuorum nova quadam ratione promota*. Clement Ferroni, Bononi.

Cayley, A. (1845). On Jacobi's elliptic functions and on quaternions. *Phil. Mag.*, **XXXVI**, 208–211. The part relevant to octonions is in Hamilton's *Mathematical Papers* 3: 650–651.

Cayley, A. (1854). On the theory of groups, as depending on the symbolic equation $\theta^n = 1$. *Phil. Mag.*, **7**, 40–47. In his *Collected Mathematical Papers* 2: 123–130.

Cayley, A. (1858). A memoir on the theory of matrices. *Phil. Trans. Roy. Soc. London*, **148**, 17–37. In his *Collected Mathematical Papers* 2: 475–496.

Cayley, A. (1859). A sixth memoir on quantics. *Phil. Trans. Roy. Soc.*, **149**, 61–90. In his *Collected Mathematical Papers* 2: 561–592.

Cayley, A. (1878). The theory of groups. *Amer. J. Math.*, **1**, 50–52. In his *Collected Mathematical Papers* 10: 401–403.

Chandler, B. and Magnus, W. (1982). *The History of Combinatorial Group Theory*. Springer-Verlag, New York.

Church, A. (1936). An unsolvable problem in elementary number theory. *Amer. J. Math.*, **58**, 345–363.

Church, A. (1938). Review. *J. Symb. Logic*, **3**, 46.

Clagett, M. (1959). *The Science of Mechanics in the Middle Ages*. The University of Wisconsin Press, Madison. Publications in Medieval Science, 4.

Clagett, M. (1968). *Nicole Oresme and the Medieval Geometry of Qualities and Motions*. University of Wisconsin Press, Madison.

Clairaut, A.-C. (1740). Sur l'intégration ou la construction des équations différentialles du premier ordre. *Mém. Acad. Sci. Paris*, page 294.

Clairaut, A.-C. (1743). *Théorie de la figure del la Terre tirée des principes de l'hydrodynamique*. Durand, Paris.

Clebsch, A. (1864). Über einen Satz von Steiner und einige Punkte der Theorie der Curven dritter Ordnung. *J. reine und angew. Math.*, **63**, 94–121.

Cohen, M. R. and Drabkin, I. E. (1958). *Source Book in Greek Science*. Harvard University Press, Cambridge, MA.

Cohen, P. (1963). The independence of the continuum hypothesis I, II. *Proc. Nat. Acad. Sci.*, **50, 51**, 1143–1148, 105–110.

Colebrooke, H. T. (1817). *Algebra, with Arithmetic and Mensuration, from the Sanscrit of Brahmegupta and Bhâscara*. John Murray, London. Reprinted by Martin Sandig, Wiesbaden, 1973.

Connelly, R. (1977). A counterexample to the rigidity conjecture for polyhedra. *Inst. Hautes Études Sci. Publ. Math.*, (47), 333–338.

Coolidge, J. L. (1945). *A History of the Conic Sections and Quadric Surfaces*. Oxford University Press.

Copernicus, N. (1543). De revolutionibus orbium coelestium. English translation *On the revolutions*, Polish Science Publishers, Warsaw, 1978.

Cotes, R. (1714). Logometria. *Phil. Trans.*, **29**, 5–45.

Cotes, R. (1722). *Harmonia mensurarum*. Robert Smith, Cambridge.

Cox, D. A. (1984). The arithmetic-geometric mean of Gauss. *Enseign. Math. (2)*, **30**(3-4), 275–330.

Cox, D. A. (1989). *Primes of the Form* $x^2 + ny^2$. John Wiley & Sons Inc., New York.

Coxeter, H. S. M. and Moser, W. O. J. (1980). *Generators and Relations for Discrete Groups*. Springer-Verlag, Berlin, 4th edition.

Cramer, G. (1750). *Introduction à l'analyse des lignes courbes algebriques*. Geneva.

Crossley, J. N. (1987). *The Emergence of Number*, 2nd ed. World Scientific Publishing Co., Singapore.

Crowe, M. J. (1967). *A History of Vector Analysis*. University of Notre Dame Press, Notre Dame, IN.

d'Alembert, J. le. R. (1746). Recherches sur le calcul intégral. *Hist. Acad. Sci. Berlin*, **2**, 182–224.

d'Alembert, J. le. R. (1747). Recherches sur la courbe que forme une corde tendue mise en vibration. *Hist. Acad. Sci. Berlin*, **3**, 214–219.

d'Alembert, J. le. R. (1752). *Essai d'une nouvelle théorie de la résistance des fluides*. David, Paris.

Davenport, J. H. (1981). *On the Integration of Algebraic Functions*. Springer-Verlag, Berlin.

David, F. N. (1962). *Games, Gods and Gambling*. Charles Griffin, London.

Davis, M., editor (1965). *The Undecidable. Basic papers on undecidable propositions, unsolvable problems and computable functions*. Raven Press, Hewlett, NY.

Davis, M. (1973). Hilbert's tenth problem is unsolvable. *Amer. Math. Monthly*, **80**, 233–269.

de la Hire, P. (1673). *Nouvelle méthode en géométrie*. Paris.

de Moivre, A. (1698). A method of extracting the root of an infinite equation. *Phil. Trans.*, **20**, 190–193.

de Moivre, A. (1707). Æquationem quarundum potestatis tertiae, quintae septimae, nonae & superiorum, ad infinitum usque pergendo, in terminis finitis, ad instar regularum pro cubicus que vocantur Cardani, resolutio analytica. *Phil. Trans.*, **25**, 2368–2371.

de Moivre, A. (1730). *Miscellanea analytica de seriebus et quadraturis*. J. Tonson and J. Watts, London.

Dedekind, R. (1871). Supplement X. In Dirichlet's *Vorlesungen über Zahlentheorie*, 2nd ed., Vieweg 1871.

Dedekind, R. (1872). *Stetigkeit und irrationale Zahlen*. Vieweg und Sohn, Braunschweig. English translation in: *Essays on the Theory of Numbers*, Dover, New York, 1963.

Dedekind, R. (1876). Bernhard Riemann's Lebenslauf. In Riemann's *Werke*, 2nd ed. pp. 539–558.

Dedekind, R. (1877). *Theory of Algebraic Integers*. Cambridge University Press, Cambridge. Translated from the 1877 French original and with an introduction by John Stillwell.

Dedron, P. and Itard, J. (1973). *Mathematics and Mathematicians, Vol. 1*. Open University Press, Milton Keynes.

Degen, C. F. (1822). Adumbratio demonstrationis theorematis arithmeticae maxime generalis. *Mém. l'Acad. Imp. Sci. St. Petersbourg*, **VIII**, 207–219.

Dehn, M. (1900). Über raumgleiche Polyeder. *Gött. Nachr. 1900,* 345–354.

Dehn, M. (1910). Über die Topologie des dreidimensional Raumes. *Math. Ann.*, **69**, 137–168.

Dehn, M. (1912). Über unendliche diskontinuierliche Gruppen. *Math. Ann.*, **71**, 116–144.

Dehn, M. and Heegaard, P. (1907). Analysis situs. *Enzyklopädie der Mathematischen Wissenschaften*, vol. IIAB3, 153–220, Teubner, Leipzig.

Desargues, G. (1639). *Brouillon project d'une atteinte aux événemens des rencontres du cône avec un plan.* In Taton (1951), pp. 99–180.

Descartes, R. (1637). *The geometry of René Descartes. (With a facsimile of the first edition, 1637.).* Dover Publications Inc., New York, N. Y. Translated by David Eugene Smith and Marcia L. Latham, 1954.

Descartes, R. (1638). Letter to Mersenne, 18 January 1638. *Oeuvres* 1, 490.

Dickson, L. E. (1903). *Introduction to the Theory of Algebraic Equations.* Wiley, New York.

Dickson, L. E. (1914). *Linear Algebras.* Cambridge University Press, Cambridge.

Dickson, L. E. (1920). *History of the Theory of Numbers. Vol. II: Diophantine Analysis.* Chelsea Publishing Co., New York. 1966 reprint of Carnegie Institute, Washington, edition.

Dirichlet, P. G. L. (1829). Sur la convergence des séries trigonometriques qui servent à représenter une fonction arbitraire entre des limites données. *J. reine und angew. Math*, **4**, 157–169. In his *Werke* 1: 117–132.

Dirichlet, P. G. L. (1837). Beweis des Satzes, dass jede unbegrentze arithmetische Progression, deren erstes Glied und Differenz ganze Zahlen ohne gemeinschaftlichen Factor sind, unendliche viele Primzahlen enthält. *Abh. Akad. Wiss. Berlin*, pages 45–81. In his *Werke* 1: 315–342.

Dirichlet, P. G. L. (1863). *Vorlesungen über Zahlentheorie.* F. Vieweg und Sohn, Braunschweig. English translation *Lectures on Number Theory*, with Supplements by R. Dedekind, translated from the German and with an introduction by John Stillwell, American Mathematical Society, Providence, RI, 1999.

Dombrowski, P. (1979). *150 Years after Gauss' "Disquisitiones generales circa superficies curvas"*. Société Mathématique de France, Paris. With the original text of Gauss.

Donaldson, S. K. (1983). An application of gauge theory to four-dimensional topology. *J. Differential Geom.*, **18**(2), 279–315.

Dostrovsky, S. (1975). Early vibration theory: physics and music in the seventeenth century. *Arch. History Exact Sci.*, **14**(3), 169–218.

du Bois-Reymond, P. (1875). Über asymptotische Werte, infinitäre Approximationen und infinitäre Auflösung von Gleichungen. *Math. Ann.*, **8**, 363–414.

Dugas, R. (1957). *A History of Mechanics*. Editions du Griffon, Neuchâtel, Switzerland. Foreword by Louis de Broglie. Translated into English by J. R. Maddox.

Dugas, R. (1958). *Mechanics in the Seventeenth Century*. Editions du Griffon, Neuchâtel, Switzerland.

Dürer, A. (1525). *Underweysung der Messung*. Facsimile of 1525 edition by Collegium Graphicum, Portland, Oregon, 1972. English translation: *The Painter's Manual*, Albaris Books, New York, 1977.

Dyck, W. (1882). Gruppentheoretische Studien. *Math. Ann.*, **20**, 1–44.

Dyck, W. (1883). Gruppentheoretische Studien II. *Math. Ann.*, **22**, 70–108.

Edwards, Jr., C. H. (1979). *The Historical Development of the Calculus*. Springer-Verlag, New York.

Edwards, H. M. (1974). *Riemann's Zeta Function*. Academic Press, New York-London. Pure and Applied Mathematics, Vol. 58.

Edwards, H. M. (1977). *Fermat's Last Theorem*. Springer-Verlag, New York.

Edwards, H. M. (1984). *Galois Theory*. Springer-Verlag, New York.

Eisenstein, G. (1847). Beiträge zur Theorie der elliptische Functionen. *J. reine und angew. Math.*, **35**, 137–274.

Eisenstein, G. (1850). Über einige allgemeine Eigenschaften der Gleichung, von welcher die Theorie der ganzen Lemniscate abhängt. *J. reine und angew. Math.*, **39**, 556–619.

Eneström, G. (1906). Der Briefwechsel zwischen Leonhard Euler und Daniel Bernoulli. *Bibl. Math. ser. 3*, **7**, 126–156.

Engelsman, S. B. (1984). *Families of Curves and the Origins of Partial Differentiation.* North-Holland Publishing Co., Amsterdam.

Euler, L. (1728a). De linea brevissima in superficie quacunque duo quaelibet puncta iungente. *Comm. Acad. Sci. Petrop.*, **3**, 110–124. In his *Opera Omnia*, series 1, 25: 1–12.

Euler, L. (1728b). Letter to John Bernoulli, 10 December 1728. *Bibl. Math.*, ser. 3, **4**, 352–354.

Euler, L. (1734). De summis serierum reciprocarum. *Comm. Acad. Sci. Petrop.*, **7**. In his *Opera Omnia*, ser. 1, 14: 73–86.

Euler, L. (1736). Theorematum quorundam ad numeros primos spectantium demonstratio. *Comm. Acad. Sci. Petrop.*, **8**, 141–146. In his *Opera Omnia*, ser. 1, 2: 33–37.

Euler, L. (1743). *Addimentum I de curvis elasticis. Opera Omnia*, ser. 1, 24: 231–297, English translation in *Isis* **20** (1933), 72–160.

Euler, L. (1746). Letter to Goldbach, 14 June 1746. Briefwechsel *Opera Omnia*, ser. quarta A, 1, 52.

Euler, L. (1748a). *Introductio in analysin infinitorum, I.* Volume 8 of his *Opera Omnia*, series 1. English translation, *Introduction to the Analysis of the Infinite. Book I*, Springer-Verlag, 1988.

Euler, L. (1748b). *Introductio in analysin infinitorum, II.* Volume 9 of his *Opera Omnia*, series 1. English translation, *Introduction to the Analysis of the Infinite. Book II*, Springer-Verlag, 1988.

Euler, L. (1748c). Letter to Goldbach, 4 May 1748. In Fuss (1968), **1**, 450–455.

Euler, L. (1749). Letter to Goldbach, 12 April 1749. In Fuss (1968), **1**, 493–495.

Euler, L. (1750). Letter to Goldbach, 9 June 1750. In Fuss (1968), **I**, 521–524.

Euler, L. (1752). Elementa doctrinae solidorum. *Novi Comm. Acad. Sci. Petrop.*, **4**, 109–140. In his *Opera Omnia*, ser. 1, 26: 71–93.

Euler, L. (1758). Theoremata arithmetica nova methodo demonstrata. *Novi Comm. Acad. Sci. Petrop.*, **8**, 74–104. In his *Opera Omnia*, ser. 1, 2: 531–555.

Euler, L. (1760). Recherches sur la courbure des surfaces. *Mém. Acad. Sci. Berlin*, **16**, 119–143. In his *Opera Omnia*, ser. 1, 28: 1–22.

Euler, L. (1768). *Institutiones calculi integralis. Opera Omnia*, ser. 1, 11.

Euler, L. (1770). *Elements of Algebra.* Translated from the German by John Hewlett. Reprint of the 1840 edition, with an introduction by C. Truesdell, Springer-Verlag, New York, 1984.

Euler, L. (1777). De repraesentatione superficiei sphaericae super plano. *Acta Acad. Sci. Imper. Petrop.*, **1**, 107–132.

Euler, L. (1849). De numeris amicabilibus. *Comm. Arith.*, **2**, 627–636. In his *Opera Omnia*, ser. 1, 5: 353–365.

Fagnano, G. C. T. (1718). Metodo per misurare la lemniscata. *Giorn. lett. d'Italia*, **29**. In his *Opere Matematiche*, 2: 293–313.

Faltings, G. (1983). Endlichkeitssätze für abelsche Varietäten über Zahlkörpern. *Invent. Math.*, **73**(3), 349–366.

Fauvel, J. and Gray, J., editors (1988). *The History of Mathematics: a Reader.* Macmillan Press Ltd., Basingstoke. Reprint of the 1987 edition.

Federico, P. J. (1982). *Descartes on Polyhedra.* Springer-Verlag, New York. A study of the *De solidorum elementis.*

Fermat, P. (1629). Ad locos planos et solidos isagoge. *Oeuvres* 1, 92–103. English translation in Smith (1959), 389–396.

Fermat, P. (1640a). Letter to Frenicle, 18 October 1640. *Oeuvres* 2: 209.

Fermat, P. (1640b). Letter to Mersenne, 25 December 1640. *Oeuvres* 2: 212.

Fermat, P. (1654). Letter to Pascal, 25 September 1654. *Oeuvres* 2: 310–314.

Fermat, P. (1657). Letter to Frenicle, February 1657. *Oeuvres* 2: 333–334.

Fermat, P. (1670). Observations sur Diophante. *Oeuvres* 3: 241–276.

Fibonacci (1202). *Liber abaci.* In *Scritti di Leonardo Pisano*, edited by Baldassarre Boncompagni, Rome 1857–1862.

Fibonacci (1225). *Flos Leonardo Bigolli Pisani super solutionibus quarundam quaestionum ad numerum et ad geometriam pertinentium.*

Field, J. V. and Gray, J. J. (1987). *The Geometrical Work of Girard Desargues.* Springer-Verlag, New York.

Fourier, J. (1822). *La théorie analytique de la chaleur.* Didot, Paris. English translation, *The Analytical Theory of Heat*, Dover, New York, 1955.