

# CATALOGUE OF THE LIBRARY

JANUARY 1, 1910

## I. JOURNALS

[The journals are listed alphabetically according to place of publication.]

### ACIREALE.

*Accademia di Scienze, Lettere, e Arti, Rendiconti e Memorie*, Ser. 3, Vols. 1-2, 4-5 (1901-1907).

### AMSTERDAM.

*Nieuw Archief voor Wiskunde*, Ser. 1, Vols. 1-20; Ser. 2, Vols. 1-8 (1875-1909).

*Revue semestrielle des Publications mathématiques*, Vols. 1-17 (1893-1909). *Tables des Matières*, 1892-1907.

*Wiskundige Opgaven met de Oplossingen*, Vols. 1-9 (1882-1906).

### BALTIMORE.

*American Journal of Mathematics*, Vols. 1-31 (1878-1909); *Index*, Vols. 11-20.

### BERLIN.

*Akademie der Wissenschaften, Math. Phys. Klasse, Abhandlungen* (selected mathematical memoirs), 1892-1894, 1897, 1901, 1903-1904, 1906-1908; *Monatsberichte*, 1857-1881, *Sitzungsberichte*, 1882-1908, *Indexes*, 1836-1858, 1859-1873, 1874-1881.

*Jahrbuch über die Fortschritte der Mathematik*, Vols. 15-37 (1883-1906).

*Journal für die reine und angewandte Mathematik*, Vols. 96-102, 106-107, 109, 125-136 (1884-1909).

*Sitzungsberichte der Berliner mathematischen Gesellschaft*, Vols. 1-4 (1901-1905).

*Unterrichtsblätter für Mathematik und Naturwissenschaften*, Vols. 9-14 (1903-1908).

*Veröffentlichungen d. K. Preuss. Geodätischen Instituts*, Nos. 1-2, 11, 19.

### BOLOGNA.

*Il Bollettino di Matematica*, Vols. 1-7 (1902-1908).

*R. Accademia delle Scienze, Memorie*, Ser. 5, Vols. 8-10; Ser. 6, Vols. 1-5 (1899-1908); *Rendiconti, New Series*, Vols. 4-12 (1899-1908).

### BORDEAUX.

*Société des Sciences de Bordeaux, Memoires*, Ser. 4, Vols. 1-5; Ser. 5, Vols. 1-5; Ser. 6, Vols. 1-4 (1893-1908); *Procès-verbaux*, 1894-1908; *General Index*, 1850-1900; *Cinquantenaire*, 1906.

### BOSTON.

*American Academy of Arts and Sciences, Proceedings*, Vols. 26-44 (1890-1909); *Memoirs*, Vols. 12-13 (1902-1908).

*Technology Quarterly*, Vols. 4-21 (last) (1891-1908).

- BRAY-SUR-SEINE.**  
*Journal des Géomètres-Experts*, Vols. 1-3, 9-17 (1893-1909).
- BRESLAU.**  
*Jahresbericht der Schlesischen Gesellschaft für vaterländische Cultur*, Vols. 80-82 (1903-1905).
- BRISBANE, QUEENSLAND.**  
*Proceedings of the Royal Society*, Vols. 15-19, 21 (1900-1908).
- BRUSSELS.**  
*Académie Royale, Annuaire*, Vols. 68-75 (1902-1909); *Bulletin de la Classe des Sciences*, 1902-1908; *Mémoires de la Classe des Sciences*, Vol. 1 (1904-1907); *Mémoires couronnés et autres Mémoires*, Vols. 60-66 (1900-1904); *Mémoires couronnés et Mémoires des Savants étrangers*, Vols. 58-62 (1899-1904).  
*Annales de la Société scientifique*, Vols. 26-33 (1902-1909); Index, 1875-1901.  
*Annuaire astronomique de l'Observatoire Belgique*, 1906-1907.
- BUCHAREST.**  
*Gazeta Matematica*, Vols. 1-14 (1895-1909).
- BUDAPEST.**  
 See LEIPZIG.
- BUENOS AIRES.**  
*Anales de la Sociedad Científica Argentina*, Vols. 55-67 (1903-1909).
- CAMBRIDGE, ENG.**  
*Cambridge Philosophical Society, Proceedings*, Vols. 10-14 (1899-1908); *Transactions*, Vols. 17-20 (1899-1908).
- CAMBRIDGE, MASS.**  
*Annals of Mathematics*, Ser. 1, Vols. 1-12; Ser. 2, Vols. 1-10 (1884-1909).
- CHERBOURG.**  
*Mémoires de la Société Nationale des Sciences naturelles et mathématiques de Cherbourg*, Vols. 31-32, 34-36 (1897-1907).
- CHICAGO.**  
*Astrophysical Journal*, Vols. 1-30 (1895-1909).  
*The Monist*, Vols. 1-7, 9-19 (1890-1909).  
*The Open Court*, Vols. 11-22 (1897-1908).  
*School Science and Mathematics*, Vols. 3-9 (1903-1909).  
*School Mathematics*, Vol. 1 (1904).
- CHRISTIANIA.**  
*Arkiv for Mathematik og Naturvidenskab*, Vols. 21-26 (1899-1904).  
*Videnskabs-Selskabet i Christiania, Forhandlinger*, 1898-1899, 1901-1908; *Skrifter*, 1898-1908; *Oversigt*, 1898-1900.
- CITTÀ DI CASTELLO.**  
*Le Matematiche pure ed applicate*, Vols. 1-2 (last) (1901-1903).
- COIMBRA.**  
*Jornal de Sciencias mathematicas e astronomicas*, Vols. 9-15 (last) (1889-1905).  
*Annaes Scientificos da Academia Polytechnica*, Vols. 1-3 (1906-1908).
- COPENHAGEN.**  
*Kgl. Danske Videnskabernes Selskab, Forhandlinger, Oversigt*, 1900-1908; *Skrifter* (See BOOKS OTHER THAN JOURNALS, under COPENHAGEN).

- Nyt Tidsskrift for Matematik*, Ser. A, Vols. 11-19 (1900-1908);  
Ser. B, Vols. 11-19 (1900-1908).
- CRACOW.  
*Bulletin International de l'Académie des Sciences de Cracovie*,  
1900-1909.  
*Katalog Literatury Naukowej Polskiej*, Vols. 2-8 (1902-1909).
- DES MOINES.  
*The Analyst*, Vols. 1-10 (1874-1883) (complete).
- DUBLIN.  
*Royal Dublin Society, Scientific Proceedings*, New Ser., Vols.  
1-11 (1878-1909); *Scientific Transactions*, Ser. 2, Vols. 1-9 (1877-  
1909); Index to *Proceedings and Transactions*, 1877-1898.
- EDINBURGH.  
*Annals of the Royal Observatory*, Vol. 1 (1902).  
*Proceedings of the Mathematical Society of Edinburgh*, Vols.  
1, 11-27 (1883-1909); Index, Vols. 1-20.  
*Royal Society of Edinburgh, Proceedings*, Vols. 3-4, 10-12, 15-29  
(1850-1909); *Transactions*, Vols. 37-43, 45-46 (1891-1909).
- ERLANGEN.  
*Sitzungsberichte der physikalisch-medicinischen Societät zu  
Erlangen*, Vols. 25-40 (1893-1908).
- FORT MONROE.  
*Journal of the United States Artillery*, Vols. 1-32 (1892-1909).
- GHEENT.  
*Mathesis*, Ser. 1, Vols. 7-10; Ser. 2, Vols. 1-10; Ser. 3, Vols. 1-9  
(1887-1909).
- GLASGOW.  
*Proceedings of the Glasgow Philosophical Society*, Vol. 30 (1898-  
1899).
- GÖTTINGEN.  
*Gesellschaft der Wissenschaften, Nachrichten math.-phys. Klasse*,  
1892-1908; *Geschäftliche Mitteilungen*, 1894-1908.  
*Mathematischer Verein, Berichte*, 1901-1908.
- GRENOBLE.  
*Annales de la Faculté des Sciences de l'Université de Grenoble*,  
Vols. 13-20 (1901-1908).
- HALIFAX.  
*Proceedings and Transactions of the Nova Scotian Institute of  
Science*, Ser. 2, Vols. 1-2, 4 (1890-1904).
- HAMBURG. See LEIPZIG.
- ITHACA.  
*Bulletin of the American Physical Society*, Vols. 1-2, Vol. 3, No.  
1 (last) (1899-1902).  
*Journal of Physical Chemistry*, Vols. 1-13 (1896-1909).
- KASAN.  
*Bulletin de la Société physico-mathématique de Kasan*, Vols.  
1-5, 7-13 (1891-1903).
- KHARKOF.  
*Communications of the Mathematical Society of Kharkof*, Ser.  
2, Vols. 5-7, 9 (1897-1906).
- KIEFF.  
*University Isvistija*, Vols. 43-48 (1903-1908).
- LAWRENCE.  
*Kansas University Quarterly*, Ser. A, Vols. 9-10 (1900-1901).

- Kansas University Science Bulletin*, Vols. 1-4 (1902-1908).
- LEGHORN.  
*Periodico di Matematica*, Ser. 1, Vols. 6-11; Ser. 2, Vols. 12-18; Ser. 3, Vols. 19-24 (1888-1909).  
*Supplemento al Periodico di Matematica*, Vols. 2-12 (1898-1909).
- LEIPZIG.  
*Archiv der Mathematik und Physik*, Ser. 3, Vols. 1-14 (1901-1909).  
*Bibliotheca Mathematica*, 1887-1908.  
*Jahresbericht der Deutschen Mathematiker-Vereinigung*, Vols. 1-10; New Ser., Vols. 11-16 (2 sets, except Vols. 1-4, 10) (1890-1907); *Ergänzungsband* 2 (1908).  
*Mathematische Annalen*, Vols. 41-43, 45-67 (1893-1909).  
*Mathematische und naturwissenschaftliche Berichte aus Ungarn*, Vols. 1-23 (1882-1907).  
*Mittheilungen der mathematischen Gesellschaft in Hamburg*, Vols. 2-3 (1890-1900).  
*Sächsische Gesellschaft der Wissenschaften, math.-phys. Classe; Abhandlungen*, Vols. 25-29 (1899-1906); *Berichte*, Vols. 45-60 (1893-1908).  
*Zeitschrift für Mathematik und Physik*, Vols. 44-57 (1899-1909).  
*Zeitschrift für mathematischen und naturwissenschaftlichen Unterricht*, Vols. 23-29 (1892-1898).
- LEMBERG.  
*Sevcenko-Gesellschaft der Wissenschaften, Chronik*, 1904-1907.  
*Sammelschrift, mathematisch-naturwissenschaftliche Section*, Vols. 9-12 (1903-1908).
- LICK OBSERVATORY, MT. HAMILTON.  
*Lick Observatory Contributions*, Vols. 3-5 (1893-1895); *Publications*, Vols. 1-6, 10 (1887-1907).
- LIÈGE.  
*Mémoires de la Société Royale des Sciences de Liège*, Ser. 2, Vols. 19-20; Ser. 3, Vols. 1-7 (1897-1907).
- LIMA.  
*Revista de Ciencias*, Vols. 1-11 (1898-1908).
- LIVORNO. See LEGHORN.
- LONDON.  
*Educational Times*, Vols. 50-61 (1897-1908).  
*Journal of the Institute of Actuaries*, Vols. 35-43 (1901-1909).  
*Mathematical Gazette*, Vols. 1-4 (1896-1908).  
*Messenger of Mathematics*, Vols. 6-7, 24-38 (1894-1909).  
*Proceedings of the London Mathematical Society*, Vols. 1-35 (1865-1903); Ser. 2, Vols. 1-7 (1903-1909); Index, Vols. 1-30.  
List of Members, 1865-1899, 1901, 1903-1907.  
*Quarterly Journal of Pure and Applied Mathematics*, Vols. 31-40 (1899-1909).  
*Royal Society, Philosophical Transactions*, Ser. A, Vols. 192-208 (1899-1908); *Proceedings*, Vols. 62-81 (1898-1908); *Year Book*, Vols. 1-2 (1896-1898).
- LUXEMBURG.  
*Institut Grand-Ducal, Publications (Section des Sciences naturelles et mathématiques)*, Vols. 8-9, 15, 17-21, 23-27 (1865-1904); *Archives trimestrielles*, Vols. 1-3 (1906-1908).
- MADRID.  
*Archivo de matematicas*, 1896-1897 (last).

- Real Academia de Ciencias, Memorias*, Vols. 14, 20, 22–26 (1890–1908); *Revista*, Vols. 1–6 (1904–1908).
- MANCHESTER.**  
*Memoirs and Proceedings of the Manchester Literary and Philosophical Society*, Vols. 37–53 (1892–1909).
- MARSEILLES.**  
*Annales de la Faculté des Sciences de Marseilles*, Vols. 11–13, 15–17 (1901–1908).
- MEXICO.**  
*Memorias y Rivista de la Sociedad Científica Antonio Alzate*, Vols. 2–24, 26 (1888–1908).
- MILAN.**  
*Annali di Matematica pura ed applicata*, Ser. 3, Vols. 1–15 (1898–1908); General Index, 1850–1897.  
*Reale Istituto Lombardo di Scienze e Lettere, Rendiconti*, Ser. 2, Vols. 33–41 (1900–1908); *Memorie*, Vol. 19 (1900).
- MODENA.**  
*Regia Accademia di Scienze, Lettere, ed Arti, Memorie*, Ser. 3, Vols. 1–7 (1898–1908).
- MONTPELLIER.**  
*Mémoires de l'Académie des Sciences de Montpellier*, Ser. 2, Vols. 1–3 (1893–1908).
- MOSCOW.**  
*Transactions of the Mathematical Society of Moscow*, Vols. 1–26 (1866–1908); Index, Vols. 1–15.  
*University of Moscow, Physico-Mathematical Gazette*, Vols. 1, 4–11, 13–24 (1880–1908).
- MUNICH.**  
*Hochschul-Nachrichten*, Vol. 13 (1902–1903).
- NAPLES.**  
*Accademia delle Scienze fisiche e matematiche di Napoli, Atti*, Ser. 2, Vols. 8–14 (1899–1909); *Rendiconti*, Vols. 34–46 (1895–1907); *Indice Generale dei Lavori*, 1737–1903.
- NEW YORK.**  
*Actuarial Society of America, Papers and Transactions*, Vols. 1–10 (1889–1908).  
*American Mathematical Society, Bulletin*, Vols. 1–15 (1894–1909), General Index, 1891–1904; *Transactions*, Vols. 1–10 (1900–1909) (2 sets), Indexes, Vols. 1–5, 1–10; *Annual Register*, 1891–1905.  
*American Society of Civil Engineers, Transactions*, Vols. 55–65 (1905–1909); *Proceedings*, Vols. 32–33 (1906–1907).  
*Association of Teachers of Mathematics in the Middle States and Maryland, Bulletin*, Vols. 1–3 (1904–1906).  
*New York Mathematical Society, Bulletin*, Vols. 1–3 (1891–1894) (2 sets).  
*Physical Review*, Vols. 16–29 (1903–1909).  
*Science*, New Ser., Vols. 1–29 (1895–1909).
- NORTHFIELD.**  
*Astronomy and Astrophysics*, 1892–1894.  
*Popular Astronomy*, Vols. 10–17 (1902–1909).
- ODESSA.**  
*Viestnik Opytnoy Fiziki*, Vols. 24–25.  
*Society of Naturalists of New Russia, Mathematical Section, Zapiski*, Vols. 20, 25–29 (1903–1906).

## PALERMO.

*Atti dell' Accademia di Scienze, Lettere e belle Arti di Palermo*, Ser. 3, Vols. 1-8 (1891-1908).

*Il Pitagora*, Vols. 2-15 (1896-1909).

*Rendiconti del Circolo matematico di Palermo*, Vols. 1-28 (1884-1909); *Annuario*, 1898, 1900, 1904-1908; *Indice delle pubblicazioni*, No. 1 (1908).

## PARIS.

*Académie des Sciences, Comptes rendus*, Vols. 136-146 (1903-1908).

*Bulletin des Sciences mathématiques et physiques élémentaires*, Vols. 1-10 (1895-1904).

*Bulletin des Sciences mathématiques*, Vols. 27-32 (1903-1908); *General Index*, 1877-1906.

*Bulletin de la Société mathématique de France*, Vols. 1-37 (1872-1909).

*Bulletin de la Société philomathique de Paris*, New Ser., Vols. 1-10 (1898-1908).

*Bureau des Longitudes, Annuaire*, 1903-1906, 1908-1909.

*Journal de Mathématiques pures et appliquées*, Ser. 5, Vols. 1-6, 8-10 (1895-1904), Ser. 6, Vols. 1-4 (1905-1908).

*L'Éducation mathématique*, Vols. 5-11 (1903-1909).

*L'Enseignement mathématique*, Vols. 4-11 (1902-1909).

*L'Intermédiaire des Mathématiciens*, Vols. 1-15 (1894-1908).

*Nouvelles Annales de Mathématiques*, Ser. 1, Vols. 1-20 (1842-1861); Ser. 2, Vols. 1-18 (1862-1879); Ser. 4, Vols. 3-8 (1903-1908).

*Revue de l'Institut catholique*, Vols. 7-13 (1902-1908).

*Revue générale des Sciences*, Vols. 13-19 (1902-1908).

*Revue de Mathématiques spéciales*, Vols. 13-16 (1902-1906).

## PAVIA.

*Rivista di Fisica, Matematica e Scienze Naturali*, Vols. 1-19 (1900-1909).

## PHILADELPHIA.

*American Philosophical Society, Proceedings*, Vols. 29-47 (1891-1908); *Transactions*, Vol. 20 (1902); *List of Surviving Members*, 1892.

*University of Pennsylvania, Publications, Mathematics*, Nos. 1-3 (1897-1905).

## PISA.

*Scuola normale superiore, Annali*, Vols. 1-10 (1871-1908).

## PRAGUE.

*Casopis pro pěstování matematiky a fysiky (Journal of Mathematics and physics)*, Vols. 21, 23-25, 27-37 (1892-1908); *Index*, Vols. 1-30.

*Jednota českých Matematiků Sborník*, Vols. 1-10 (1898-1906). (See BOOKS OTHER THAN JOURNALS, under PRAGUE.)

*Česká Akademie Césare Františka Josefa pro Vědy, Slovesnost, a Umění (Francis Joseph Bohemian Academy of Sciences, Literature and Art)*, *Rosprawy*. (The memoirs relating to mathematics only.) Vols. 1-17 (1891-1908).

*Královské České Společnosti Náuk, Věstník (Royal Bohemian Academy of Sciences, Proceedings)*, 1899-1902, 1905-1908; *Bulletin Internationale*, Vols. 7-13 (1902-1908); *Jahresberichte*, 1905-1906; *General Index of all Publications*, 1884-1904.

- RALEIGH.**  
*Journal of the Elisha Mitchell Scientific Society*, Vols. 9–12 (1892–1895).
- RENNES.**  
*Travaux scientifiques de l'Université*, Vols. 1–6 (1902–1907).
- ROME.**  
*Accademia dei Lincei, Memorie*, Vol. 4; *Rendiconti*, Ser. 5, Vols. 1–7, 9–18 (1892–1909).  
*Bulletino di Bibliografia e di Storia delle Scienze matematiche e fisiche*, Vols. 1–20 (1868–1887) (Complete).  
*Pontificia Accademia dei Nuovi Lincei, Atti*, Vols. 48–60 (1894–1907); *Memorie*, Vols. 15–18 (1898–1901).  
*Rivista d'Artiglieria e Genio*, Vols. 1–4, New Ser., Vols. 1–3.  
*Società Italiana delle Scienze, Memorie di Matematica e di Fisica*, Vols. 12–15 (1904–1908).
- SAN FRANCISCO.**  
*Publications of the Astronomical Society of the Pacific*, Vols. 1–20 (1889–1908).
- SARAGOSSA.**  
*El Progreso matemático*, Ser. 1, Vols. 2–5 (1892–1895); Ser. 2, Vols. 1–2 (1899–1900).  
*Revista trimestral de Matemáticas*, Vols. 1–6 (last) (1901–1906).  
*Anales de la Facultad de Ciencias*, Vols. 1–2 (1907–1908).
- SPRINGFIELD, MO.**  
*American Mathematical Monthly*, Vols. 1–15 (1894–1908).
- ST. LOUIS.**  
*Transactions of the St. Louis Academy of Sciences*, Vols. 5–17 (1886–1908).
- STOCKHOLM.**  
*Acta Mathematica*, Vols. 1–32 (1882–1909).  
*Kongl. Svenska Vetenskaps-Akademie, Handlingar, Bihang*, Part 1, Vols. 12–28 (last) (1887–1902).  
*Arkiv för Matematik, Astronomi, och Fysik*, Vols. 1–4 (1903–1908).
- ST. PETERSBURG.**  
*Académie des Sciences, Bulletin*, Vols. 1, 5–34 (1860–1892), Ser. 5, Vols. 3–25 (1895–1906), Ser. 6, Vols. 1–2 (1907–1908); *Memoires*, Vols. 15–17 (1904–1906).
- STUTTGART.**  
*Mathematisch-naturwissenschaftliche Mitteilungen*, Ser. 1, Vols. 1–5 (1884–1892); Ser. 2, Vols. 1–9 (1899–1907).  
*Zeitschrift für Vermessungswesen*, Vols. 31–38 (1902–1909).
- TOKYO.**  
*Sugaku-Butsurigaku Kwai Kiji (Journal of the Physico-Mathematical Society of Tokyo)*, Vols. 1–5, 7–8; Ser. 2, Vols. 1–4 (1901–1908).
- TOULOUSE.**  
*Faculté des Sciences de l'Université de Toulouse, Annales*, Ser. 1, Vols. 1–12; Ser. 2, Vols. 1–9 (1887–1907).  
*Bulletin de l'Académie des Sciences de Toulouse*, Vol. 3 (1899–1900); *Mémoires*, Ser. 10, Vols. 1–7 (1901–1907).
- TURIN.**  
*Bolletino di Bibliografia e Storia delle Scienze matematiche*, Vols. 1–10 (1898–1908).  
*Formulaire de Mathématiques*, Vols. 1–5 (1895–1908).  
*Reale Accademia delle Scienze, Classe di Scienze Fisiche, Mate-*

*matiche e Naturali, Atti*, Vols. 30–44 (1895–1909); Indexes, Vols. 21–30, 31–40; *Memorie*, Ser. 2, Vols. 48–59 (1899–1909).  
*Revue de Mathématiques*, Vols. 1–8 (1891–1906).

## ULM.

*Jahresheft des Vereins für Mathematik und Naturwissenschaften*, Vols. 9–13 (1899–1907).

## UPSALA.

*Universitets Arsskrift*, 1901–1908.

## VIENNA.

*Monatshefte für Mathematik und Physik*, Vols. 1–20 (1890–1909).  
*Akademie der Wissenschaften, Sitzungsberichte, math.-naturwiss. Classe*, Vols. 108–116 (1899–1907).

## WARSAW.

*Prace matematyczno-fizyczne*, Vols. 1–19 (1888–1908).  
*Tablice matematyczne-fizyczne*, 1904.  
*Société de Naturalists, Imp. Université de Warsaw, Travaux*, Vols. 1–3, 13–15 (1891–1895, 1902–1904).  
*Wiadomosci matematyczne*, Vols. 1–12 (1897–1908).

## WASHINGTON.

*Mathematical Magazine*, Vol. 2 (1904).  
*U. S. Naval Observatory Publications*, Ser. 2, Vols. 1–5 (1900–1905).  
*Smithsonian Institution, Reports*, 1885–1887, 1889–1890, 1895–1907.

## ZURICH.

*Vierteljahrschrift der naturforschenden Gesellschaft*, Vols. 34–53 (1889–1909); Index, Vols. 41–50.



## II. BOOKS OTHER THAN JOURNALS.

[Arranged alphabetically by authors, except in cases of compilations.]

- ADAMS, J. L. The milky way, Sydney, 1905.  
The infinity of the starry universe, Sydney, 1906.
- ADELAIDE. University Calendar for 1902.
- ADHÉMAR, R. D'. Les équations aux dérivées partielles à caractéristiques réelles (Scientia, No. 29), Paris, 1907.
- AHRENS, W. Mathematische Unterhaltungen und Spiele, Leipzig, 1901.  
C. G. J. Jacobi als Politiker, Leipzig, 1907.  
Briefwechsel zwischen C. G. J. Jacobi und M. H. Jacobi (Abhandlungen zur Geschichte der mathematischen Wissenschaften, XXII Heft), Leipzig, 1907.  
See STÄCKEL, P.
- AIX-LA-CHAPELLE. Königliche Technische Hochschule. Die Uebergabe des Rektorats am ersten Juli, 1898, Aix, 1898.
- ALASIA, CRISTOFORO. Calcolo grafico ed applicazioni alla statica grafica, Città di Castello, 1899.  
Esercizi ed applicazioni di calcolo infinitesimale ed integrale, Città di Castello, 1898.  
I complementi di geometria elementare, Milan, 1903.  
La recente geometria del triangolo, Città di Castello, 1900.
- ALEY, R. J. See HEATH.
- AMSLER, JAKOB. Ueber die mechanische Bestimmung des Flächeninhaltes, der statischen Momente und der Trägheitsmomente ebener Figuren, insbesondere über einen neuen Planimeter, Schaffhausen, 1856.
- ANDERHALDEN, P. B. Die Aetherhypothesen von Descartes bis Fresnel Inaugural-Dissertation, Sarnen, 1901.
- ANDOYER, H. Théorie de la lune, 1902.
- ANDREAS, E. Ueber den spezifischen Grenzmagnetismus permanenter Stahlmagnete, Berlin, 1897.
- APPELL, PAUL. Traité de mécanique rationnelle, Vol. 3, Paris, 1903.  
Notice sur les travaux scientifiques de Paul Appell, Paris, 1892.
- ARNAUDEAU, A. Tables des intérêts composés, annuités et amortissements, Paris, 1906.
- ATKINSON, E. H. DE V. Text-book of practical solid geometry, etc., for use of the Royal military academy, Woolwich, 2d ed., London, 1901.
- AUTONNE, L. Sur la théorie des équations différentielles du premier ordre et du premier degré, Paris, 1892.  
Sur la représentation des courbes gauches algébriques, Paris, 1896.  
Sur la décomposition d'une substitution linéaire réelle et orthogonale en un produit d'inversions, Paris, 1903.  
Sur les formes mixtes, Paris, 1905.  
Sur les groupes de matrices linéaires non-invertibles, Lyons, 1909.
- BÄCKLIN, G. Om partiella differentialeqvationer af ordningen meden beroende och två oberoende variabler, Dissertation, Upsala, 1890.

- BÄCKLUND, A. V. Om några egenskaper hos den plana kurvan af tredje ordningen, Stockholm, 1871.  
 Om geometriska kurvor med dubbel krökning, Lund, 1871.  
 Bidrag till teorien för vågrörelson i ett gasartadt medium, Stockholm, 1886, 1887, 1888.  
 En undersökning inom teorien för elektriska strömmarne, Stockholm, 1893-1897.
- BAILLAUD, B., and BOURGET, H. Correspondance d'Hermitte et de Stieltjes, Vols. 1 and 2, Paris, 1905.
- BAIRE, R. Leçons sur les théories générales de l'analyse, Vols. 1-2, Paris, 1907-1908.
- BAKER, A. Elementary plane geometry, Boston, 1903.
- BAKER, A. L. Elements of solid geometry, Boston, 1898.  
 The art of geometry, Boston, 1905.
- BARBARIN, P. La géométrie non-euclidienne, Paris, 1902.
- BARBILLON, L. Production et emploi des courants alternatifs (Scientia, No. 11), Paris, 1901.
- BARDEY, E. Aufgabensammlung. 2nd ed., Leipzig, 1902.  
 Algebraische Gleichungen, Leipzig, 1902.
- BARDEY, E. and PIETZKER, F. Anleitung zur Auflösung eingekleideter algebraischer Aufgaben, Leipzig, 1903.
- BARTON, S. M. An elementary treatise on the theory of equations, Boston, 1899.
- BELFAST. Queen's College Calendar, 1903-1907, 1908-1909.
- BEMAN, W. W. and SMITH, D. E. Academic algebra, Boston, 1902.  
 Elements of algebra, Boston, 1899.  
 Higher arithmetic, Boston, 1900.  
 New plane and solid geometry, Boston, 1900.  
 Plane and solid geometry, Boston, 1898.  
 See also DEDEKIND; FINK; KLEIN; ROW.
- BENDIXSON, I. Volume of mathematical pamphlets, Stockholm, 1891.
- BENNECKE, F. Eine konforme Abbildung als zweidimensionale Logarithmentafel zur Rechnung mit komplexen Zahlen, Potsdam, 1907.
- BERGSTEDT. Om regelytor af sjetten graden, Lund, 1886.
- BERNHARD, MAX. Lineare Schaaren von Kurven und Flächen, Stuttgart, 1897.
- BIRKENMAJER, L. Marana Króla z przemysla geometrya praktyczna, Warsaw, 1895.
- BJERKNES, V. Carl Anton Bjerknes: Gedächtnissrede, Leipzig, 1904.
- BJÖRLING, C. F. E. Theori för algebraiska equationers rötter, Dissertation, Stockholm, 1871.
- BJÖRNBO, A. A. Johannis Vernerii de triangulis sphaericis, Leipzig, 1907.
- BLAKESLEY, T. H. Geometrical optics, London, 1903.
- BLOMQUIST, E. Fineka precissions nivellement, 1892-99, Helsingfors, 1900.
- BÖCHER, M. Ueber die Reihenentwickelungen der Potentialtheorie, with preface by F. Klein, Leipzig, 1894.  
 Regular points of linear differential equations of the second order, Cambridge, 1896.  
 Introduction to higher algebra, New York, 1907.

- BOHLMANN, G. See GENOCCHI, A.
- BOLYAI, W., und GAUSS, C. F. Briefwechsel, Leipzig, 1899.
- BOLZA, O. Lectures on the calculus of variations, Chicago, 1904.
- BOOLE, M. E. Lectures on the logic of arithmetic, Oxford, 1903.  
Preparation of the child for science, Oxford, 1904.
- BOREL, E. Leçons sur les fonctions entières, Paris, 1900.  
Leçons sur les séries divergentes, Paris, 1901.  
Leçons sur les séries à termes positifs, Paris, 1902.  
Algèbre, Paris, 1903.  
Leçons sur les fonctions méromorphes, recueillies et rédigées par L. Zoretti, Paris, 1903.  
Trigonométrie, 2me. cycle, Paris, 1904.
- BOURGET, H. See BAILLAUD, B.
- BOURLET, C. See GOURSAT, E.
- BOUTROUX, P. Leçons sur les fonctions définies par les équations différentielles du premier ordre, Paris, 1908.
- BOWDITCH, N. See LAPLACE.
- BOWSER, E. A. Treatise on plane and spherical trigonometry and its applications to astronomy and geodesy, Boston, 1898.  
College algebra, Boston, 1900.
- BRANFORD, B. A study of mathematical education, Oxford, 1908.
- BRIOSCHI, F. Opere matematiche, Vols. 1-4, Milan, 1902-1906.
- BRISTOL. University College Calendar, 1902-1903, 1904-1909.
- BRODEN, T. Om rotationsystemers deformation, Lund, 1886.  
Funktionentheoretische Bemerkungen und Sätze, Lund, 1897.
- BROMWICH, T. J. I.A. Quadratic forms and their classification by means of invariant factors, Cambridge, 1906.
- BROOKS, E. Philosophy of arithmetic as developed from . . . synthesis, analysis and comparison . . . also a history of arithmetic, Revised edition, Philadelphia, 1901.
- BRUN, F. DE. Bidrag till Weierstrass' teori för algebraiska funktioner, Upsala 1895.
- BRUNS, H. Grundlinien des wissenschaftlichen Rechnens, Leipzig, 1903.
- BRUSÛM, A. Studier öfver några funktionalekvationer, Stockholm, 1897.
- BRYAN, G. H. Thermodynamics, Leipzig, 1907.
- BRYAN, G. H., and PINKERTON, R. H. Geometry of the conic, London, 1907.
- BUCHERER, A. H. Elemente der Vektor-Analyse, Leipzig, 1903.  
Mathematische Einführung in die Elektronentheorie, Leipzig, 1904.
- BUDDEN, E. Elementary pure geometry with mensuration, London, 1904.
- BULLARD, W. G. See METZLER, W. H.
- BUBALI-FORTI, C. Introduction à la géométrie différentielle, suivant la méthode de H. Grassmann, Paris, 1897.  
Logica matematica, Milan, 1894.
- BUSH, W. N., and CLARKE, J. B. Elements of geometry, New York, 1905.
- BYERLY, W. E. Elements of the differential calculus, with examples and applications, Boston, 1880.  
Elements of the integral calculus, with a short key to the solution of differential equations and a short table of integrals, Boston, 1898.

- CAIN, W. Symbolic algebra, New York, 1884.  
 A brief course in the calculus, New York, 1905.
- CAJORI, F. Teaching and history of mathematics in the United States, Washington, 1890.
- CAMBRIDGE Philosophical Society, list of fellows, members and . . . societies . . . to which the publications of the society are sent, Cambridge, 1901.
- CAMPBELL, J. E. Introductory treatise on Lie's theory of finite continuous transformation groups, Oxford, 1903.
- CAPELLI, A. Lezioni di algebra complementare, Naples, 1895.
- CARDIFF. Calendar of the University College of South Wales, 1901-1905, 1907-1908.
- CARLSRUHE. Technische Hochschule. Festgabe zum Jubiläum der vierzigjährigen Regierung seiner Königlichen Hoheit des Grossherzogs Friedrich von Baden, Karlsruhe, 1892.
- CARSLAW, H. S. An introduction to the infinitesimal calculus, London, 1905.  
 Introduction to the theory of Fourier's series and integrals and the mathematical theory of the conduction of heat, London, 1906.
- CARVALLO, E. L'électricité déduite de l'expérience et ramenée au principe des travaux virtuels, Chartres, 1902.
- CASSEL, G. Kritiska studier öfver teorin för de automorfa funktionerna jämte deras användning för integration af linjära differentialekvationer, Dissertation, Upsala, 1894.
- CASTRO, A. DE. Soluzione grafica della trisezione dell' angolo, Rome, 1899.
- CHAILAN, E. Géométrie descriptive à l'usage des candidats au baccalaureat, Paris, 1897.
- CHANDLER, G. H. Elements of the infinitesimal calculus, New York, 1907.
- CHAPMAN, C. H. Elementary course in the theory of equations, New York, 1892.
- CHAUVENET, W. A treatise on plane and spherical trigonometry, Philadelphia, 1882.
- CHEVREL, G. See FITZ-PATRICK, J.
- CHICAGO. Mathematical papers read at the International Mathematical Congress, 1893, New York, 1896.  
 University of Chicago Decennial Publications (reprints from Ser. 1, Vols. 8-9, of the papers on mathematics, physics, astronomy and astrophysics), 1902-1904.
- CLAIRIN, J. Sur les transformations de Bäcklund, Thèse, Paris, 1902.
- CLARKE, J. B. See BUSH, W. N.
- CLASSEN, J. Theorie der Elektrizität und des Magnetismus, Leipzig, 1903.
- CLAY, C. M. Examples in algebra, New York, 1905.
- CLEMENT-JONES, A. Notes on analytical geometry, Oxford, 1903.
- COLLINS, J. V. Text-book of algebra through quadratic equations, Chicago, 1901.  
 Practical elementary algebra, New York, 1908.
- CONANT, L. L. Original exercises in plane and solid geometry, New York, 1905.

- COOLIDGE, J. L. The elements of non-euclidean geometry, Oxford, 1909.
- COPENHAGEN. *Kgl. Danske Vidensk. Selsk. Skrifter*. Mathematical parts only, including memoirs by the following authors: BERNOULLI, J., BRAHE, T., BROAGER, P. D., BRONSTED, J. N., BUCHWALDT, F., CAGNOLI, COLDING, D'ARREST, H. L., DEGEN, C. F., GRAM, J. P., HANSEN, P. A., HANSEN, P. C. V., HERTZSPRUNG, S., JUEL, C., JURGENSEN, C., LANDE, LORENZ, L., OLUFSEN, C. F. R., ORSTED, H. C., RAMUS, C., SCHJELLERUP, H. C. F. C., SCHMIDTEN, H. G., STEEN, A., THIELE, T. N., VALENTINER, H., WESSEL, C., ZEUTHEN, H. G. (1784-1899.)
- COPPONS, M. Examen de la théorie et pratique de M. Necker, dans l'administration des finances de la France, 1785.
- COULON, J. Sur l'intégration des équations aux dérivées partielles de second ordre par la méthode de caractéristiques, Thèse, Paris, 1902.
- COUTURAT, L. L'algèbre de la logique, Paris, 1905.
- CRIVETZ, T. Essai sur l'équidistant, Bucharest, 1900.
- CUNNINGHAM, A. J. C. Binary canon, London, 1900.
- CZUBER, E. Wahrscheinlichkeitsrechnung, Parts 1 and 2, Leipzig, 1902.
- DARWIN, G. H. Scientific papers, Vol. 1, Oceanic tides, Cambridge, 1907.
- DAVIS, E. W. Introduction to the logic of algebra, New York, 1894.
- DAVIS, J. W. Theoretical astronomy; dynamics of the sun, New York, 1901.
- DÉCOMBE, L. La compressibilité des gaz réels (*Scientia*, No. 21), Paris, 1903.
- DEDEKIND, R. Essays on the theory of number, translated by W. W. Beman, Chicago, 1901.
- DELAGRÈVE, C. M. E. Tables des logarithmes à cinq décimales des nombres naturels de 1 à 10000 et tables des logarithmes à cinq décimales des sinus, cosinus . . ., Paris, 1902.
- DELAPORTE, L. J. Thèse présentée à la Faculté des Lettres: essay philosophique sur les géométries non-euclidiennes, Paris, 1903.
- DELIN, C. Ueber zwei ebene Punktsysteme die algebraisch auf einander bezogen sind, Lund, 1893.
- DICKSON, L. E. Linear groups with an exposition of the Galois field theory, Leipzig, 1901.  
Theory of algebraic equations, New York, 1903.
- DICKSTEIN, S. Kanony logarytmów Hoëne-Wróński, Warsaw, 1891.  
Pojecia i Metody matematyki, Warsaw, 1891.  
Hoëne Wronski jego zycie o prace . . ., Cracow, 1896.  
Catalogue des oeuvres imprimées et manuscrites de Hoëne Wronski, 1896.
- DIEZ, ASTENGO Y. La cuadratura del círculo; problema resuelto científicamente, Montevideo, 1898.
- DISSERTATIONS of members of the AMERICAN MATHEMATICAL SOCIETY.
- AMES, L. D. An arithmetic treatment of some problems in analysis situs, Baltimore, 1905.
- ANDREWS, G. The primitive double minimal surface of the seventh class and its conjugate, New York, 1900.
- BENTON, J. R. Abhängigkeit des spezifischen Torsionswiderstandes einiger Metalldrähte von der Spannung, Leipzig, 1900.

BENNER, H. Bestimmung der Coefficienten welche bei der Berechnung der Integrale

$$\int \frac{x^n dx}{\sqrt{1+ax+bx^2}} \text{ und } \int \frac{x^n dx}{\sqrt{1+ax+bx^2+cx^3}} \text{ auftreten, Boston, 1899.}$$

BLACK, C. W. M. The parametric representation of the neighborhood of a singular point of an analytic surface, Boston, 1902.

BLAKE, E. M. Method of indeterminate coefficients and exponents applied to differential equations, New York, 1893.

BLISS, G. A. The geodesic lines on the anchor ring, Cambridge, 1902.

BÖCHER, M. Ueber die Reihenentwicklung der Potentialtheorie, Göttingen, 1891.

BOLZA, O. Ueber die Reduction hyperelliptischer Integrale erster Ordnung und erster Gattung auf elliptische, insbesondere über die Reduction durch eine Transformation vierten Grades, Berlin, 1886.

BOSWORTH, A. L. Begründung einer vom Parallelenaxiome unabhängigen Streckenrechnung, Göttingen, 1900.

BOUTON, C. L. Invariants of the general linear differential equation and their relation to the theory of continuous groups, Baltimore, 1899.

BUSSEY, W. H. Generational relations for the abstract group simply isomorphic with the group  $LF [2, p^n]$ , London, 1904.

CAIRNS, W. D. Die Anwendung der Integralgleichungen auf die zweite Variation bei isoperimetrischen Problemen, Göttingen, 1907.

CHITTENDEN, J. B. A presentation of the theory of Hermite's form of Lamé's equation with a determination of the explicit forms in terms of the  $p$  function for the case  $n$  equal to three, Leipzig, 1893.

COLE, F. N. A contribution to the theory of the general equation of the sixth degree, Baltimore, 1886.

COLPITS, E. C. On twisted quartic curves, Baltimore, 1907.

CRATHORNE, A. Das räumliche isoperimetrische Problem, Göttingen, 1907.

CURTISS, D. R. Binary families in a triply connected region, with especial reference to hypergeometric families, Boston, 1903.

DAVISSON, S. C. Ueber die geodätische Linie der Mannigfaltigkeit, Tübingen, 1900.

DICKSON, L. E. The analytic representation of substitutions on a power of a prime number of letters, with a discussion of the linear group, Cambridge, 1897.

EISENHART, L. P. Infinitesimal deformation of surfaces, Baltimore, 1900.

EMCH, A. Projective groups of perspective collineations in the plane treated synthetically, Lawrence, Kansas, 1896.

EPSTEIN, S. Untersuchungen über lineare Differentialgleichungen 4. Ordnung und die zugehörigen Gruppen, Zurich, 1901.

FIELD, P. On the forms of unicursal quintic curves, Baltimore, 1904.

FINDLAY, W. The Sylow subgroups of the symmetric group, New York, 1904.

- FINE, H. B. On the singularities of curves of double curvature, Baltimore, 1886.
- FITE, W. B. On metabelian groups, New York, 1902.
- FORBES, C. S. The geometry of circles orthogonal to a given sphere, New York, 1904.
- GENTRY, R. On the forms of plane quartic curves, New York, 1896.
- GILLESPIE, D. C. Anwendungen des Unabhängigkeitssatzes auf die Lösung der Differentialgleichungen der Variationsrechnung, Göttingen, 1906.
- GLENN, O. E. Determination of the abstract groups of order  $p^2qr$ ;  $p, q, r$  being distinct primes, New York, 1906.
- GUNDERSEN, C. On the content or measure of assemblages of points, New York, 1901.
- HANCOCK, H. Sur les systèmes modulaires de Kronecker, Paris, 1901.
- HARTWELL, G. W. Plane fields of force whose trajectories are invariant under a projective group, New York, 1909.
- HASEMAN, C. Anwendung der Theorie der Integralgleichungen auf einige Randwertaufgaben in der Funktionentheorie, Göttingen, 1907.
- HASKELL, M. W. Ueber die zu der Curve  $\lambda^3\mu + \mu^3\nu + \nu^3\lambda = 0$  im projectiven Sinne gehörende mehrfache Ueberdeckung der Ebene, Baltimore, 1890.
- HEDRICK, E. R. Ueber den analytischen Character der Lösungen von Differentialgleichungen, Göttingen, 1901.
- HILL, J. E. On quintic surfaces, Worcester, Mass, 1896.
- HOLGATE, T. F. On certain ruled surfaces of the fourth order, Baltimore, 1893.
- HOWLAND, L. A. Anwendung binärer Invarianten zur Bestimmung der Wendetangenten einer Kurve dritter Ordnung, Munich, 1908.
- HUNTINGTON, E. V. Ueber die Grundoperationen an absoluten und complexen Grössen in geometrischer Behandlung, Braunschweig, 1901.
- IWEY, J. N. Ueber die Periodicitätsmoduln der Abelschen Integrale erster Gattung, Berlin, 1901.
- JACKSON, L. L. The educational significance of sixteenth century arithmetic, New York, 1906.
- KARPINSKI, L. C. Ueber die Verteilung der quadratischen Reste, Strassburg, 1903.
- KASNER, E. The invariant theory of the inversion group: geometry upon a quartic surface, New York, 1900.
- KELLOGG, O. D. Zur Theorie der Integralgleichungen und des Dirichlet'schen Princip, Göttingen, 1902.
- KEYSER, C. J. The plane geometry of the point in point space of four dimensions, Baltimore, 1903.
- LEONARD, H. B. On the factoring of composite hypercomplex number systems, Baltimore, 1907.
- LING, G. H. On the solution of a certain differential equation which presents itself in Laplace's kinetic theory of tides, Charlottesville, Va., 1896.
- LUNN, A. C. The differential equations of dynamics, Chicago, 1909.

- MANCHESTER, J. E. Ueber Singularitäten ebener Kurven, Tübingen, 1899.
- MASON, M. Randwertaufgaben bei gewöhnlichen Differentialgleichungen, Göttingen, 1903.
- METZLER, W. H. On the roots of matrices, Baltimore, 1892.
- MOORE, C. L. E. Classification of the surfaces of singularities of the quadratic spherical complex, Baltimore, 1905.
- MORITZ, R. E. Generalization of the differentiation process, Baltimore, 1900. Ueber Continuanten und gewisse ihrer Anwendungen im zahlentheoretischen Gebiete, Göttingen, 1902.
- MULLEN, L. B. An outline of mathematical economics, Wooster, Ohio, 1898.
- NEIKIRK, L. I. Groups of order  $p^m$  which contain cyclic subgroups of order  $p^{m-3}$ , Philadelphia, 1905.
- NOBLE, C. A. Eine neue Methode in der Variationsrechnung, Göttingen, 1901.
- OSGOOD, W. F. Zur Theorie der zum algebraischen Gebilde  $y^m = R(x)$  gehörigen Abelschen Funktionen, Göttingen, 1890.
- PERCE, B. O. Ueber die electromotorischen Kräfte von Gaselementen, Leipzig, 1879.
- PIERCE, A. B. Classification and properties of dual conical congruences, Zürich, 1903.
- PUTNAM, T. M. On the quaternary linear homogeneous group and the ternary linear fractional group, Baltimore, 1901.
- RABINOVITCH, I. E. The foundations of the euclidean geometry as viewed from the standpoint of kinematics, New York, 1903.
- RAGSDALE, V. On the arrangement of the real branches of plane algebraic curves, Baltimore, 1906.
- REYNOLDS, F. G. The viscosity coefficient of air, Salem, Mass., 1904.
- RIETZ, H. L. On primitive groups of odd order, Baltimore, 1904.
- ROE, E. D. Die Entwicklung der Sylvester'schen Determinate nach Normal-Formen, Leipzig, 1898.
- SCHULTZE, A. Ueber die Bewegung der Wärme in einem homogenen rechtwinkligen Parallelepipeton, Kiel, 1887.
- SHAW, J. B. Mathematics the science of algorithms, Jacksonville, Ills., 1895.
- SKINNER, E. B. On ternary monomial substitution groups of finite order with determinant  $\pm 1$ , Baltimore, 1902.
- SLAUGHT, H. E. The cross ratio group of 120 quadratic Cremona transformations of the plane, Baltimore, 1901.
- SLOCUM, S. E. On the continuity of groups generated by infinitesimal transformations, Boston, 1900.
- SNYDER, V. Ueber die linearen Complexe der Lie'schen Kugelgeometrie, Göttingen, 1895.
- STAMPER, A. W. A history of the teaching of elementary geometry, New York, 1909.
- STORY, W. E. On the algebraic relations existing between the polars of a binary quantic, Leipzig, 1875.
- SWIFT, E. Ueber die Form und Stabilität gewisser Flüssigkeitstropfen, Göttingen, 1907.
- TOWNLEY, S. D. The orbit of Psyche, San Francisco, 1905.
- TRIPP, M. O. Groups of order  $p^3q^2$ , New York, 1909.



- TYLER, H. W. Beziehungen zwischen der Sylvester'schen und der Bezout'schen Determinante, Munich, 1891.
- VAN BENSCHOTEN, A. L. The birational transformations of algebraic curves of genus four, Baltimore, 1909.
- VAN DER VRIES, J. N. On the multiple points of twisted curves, Boston, 1903.
- VAN VLECK, E. B. Zur Kettenbruchentwicklung Lamé'scher und ähnlicher Integrale, Baltimore, 1893.
- VIVIAN, R. H. The poles of a right line with respect to a curve of order  $n$ , Philadelphia, 1901.
- WALKER, B. M. On the resolution of higher singularities of algebraic curves into ordinary nodes, Chicago, 1906.
- WERNICKE, P. Über die analysis situs mehr-dimensionaler Räume, Göttingen, 1904.
- WESTFALL, W. D. A. Zur Theorie der Integralgleichungen, Göttingen, 1905.
- WHITE, W. F. The metric system psychologically considered, Chicago, 1904.
- WINSTON, M. F. Ueber den Hermite'schen Fall der Lamé'schen Differentialgleichung, Göttingen, 1897.
- WOODS, F. S. Ueber pseudominimal Flächen, Göttingen, 1895.
- YOUNG, J. W. A. On the determination of groups whose order is a power of a prime, Baltimore, 1893.
- YOUNG, J. W. On the group of sign  $(0, 3; 2, 4, \infty)$  and the functions belonging to it, New York, 1904.
- DOLL, M., and NESTLE, P. Lehrbuch der praktischen Geometrie, Leipzig, 1905.
- DOUGLAS, W. D. Geometrical problem solved, Orange, 1892.
- DUBLIN. International Association for promoting the study of quaternions and allied systems of mathematics, 1901, 1903, 1908.  
Examination papers of the Royal University, 1901-1903, 1906-1907.  
Calendar of the Royal University, 1903-1904, 1905-1908.
- DUHEM, P. Recherches sur l'hydrodynamique, Paris, 1904.  
Les origines de la statique, Vol. 1, Paris, 1905.
- DUPORCQ, E. Compte rendu du 2me Congrès internationale des mathématiciens tenu à Paris, 1900, Paris, 1902.
- DURFEE, W. P. Elements of plane trigonometry, Boston, 1901.
- EASTON, B. S. The constructive development of group theory, with a bibliography, Philadelphia, 1902.
- EDALJĪ, JAMSHEDJĪ. Associated conics, Ahmedabad, 1898.  
Reciprocal polygons, Ahmedabad, 1898.  
Reciprocally related figures and the principle of continuity, Ahmedabad, 1900.
- ENCYCLOPÄDIE der mathematischen Wissenschaften, Vol. 1, Leipzig, 1904.
- END, W. Algebraische Untersuchungen über Flächen mit gemeinschaftlicher Curve, Dissertation, München, 1888.
- ENRIQUES, F., and FLEISCHER, H. Vorlesungen über projektive Geometrie, Leipzig, 1903.
- ERNST, M. Astronomia gwiazd statych, Warsaw, 1897.
- ESTANAVE, E. Essai sur la sommation de quelques séries trigonométriques, Paris, 1903.  
Notice sur un hyperbolographe à liquide, Paris, 1904.

- EULER, L.** Festschrift zur Feier des 200. Geburtstages Leonhard Eulers (Abhandlungen zur Geschichte der mathematischen Wissenschaften, XXV Heft), Leipzig, 1907.
- FAA DE BRUNO, F.** Traité élémentaire de calcul des erreurs, avec des tables stereotypées, Paris, 1869.
- FABER, F.** Darstellende Geometrie, 2 parts, 1894.
- FASSBINDER, C.** Théorie et pratique des approximations numériques, Paris, 1906.
- FAYE, H. A. E. L.** Teoria de los errores; tr. del Francés, Mexico, 1888.
- FERRELL, J. A.** Advanced arithmetic, Topeka, 1901.  
Teachers' and students' manual of arithmetic; a guide to the systematic study of problems, Topeka, 1899.
- FESTSCHRIFT.** Herausg. von der Mathematischen Gesellschaft in Hamburg, 2 Teil, Leipzig, 1890.
- FINE, H. B.** College algebra, Boston, 1905.
- FINK, K.** Brief history of mathematics, translated by W. W. Beman and D. E. Smith, Chicago, 1900.
- FINKEL, B. F.** A mathematical solution book, 4th edition, Springfield, Mo., 1902.
- FISCHER, V.** Vektordifferentiation und Vektorintegration, Leipzig, 1904.
- FISCHER, O.** Kinematik organischer Gelenke, Braunschweig, 1907.  
Theoretische Grundlagen für eine Mechanik der lebenden Körper, Leipzig, 1906.
- FISHER, G. E., and SCHWATT, I. J.** School algebra with exercises, Philadelphia, 1899.  
Complete secondary algebra, Philadelphia, 1901.  
Higher algebra, Philadelphia, 1901.  
Rudiments of algebra, Philadelphia, 1901.  
Elements of algebra with exercises, New York, 1902.  
Secondary algebra, New York, 1902.
- FISHER, I.** The nature of capital and income, New York, 1906.
- FITZ-PATRICK, J. and CHEVREL, G.** Exercices d'arithmétique énoncés et solutions, avec une préface de Jules Tannery, Paris, 1893.
- FLEISCHER, H.** See ENRIQUES, F.
- FOERING, H. A., and LAMBERT, P. A.** Plane and spherical trigonometry, New York, 1905.
- FÖPPL, A.** Vorlesungen über technische Mechanik, Leipzig, 1903; 2d ed., Vols. 1, 3, Leipzig, 1905.
- FORSYTH, A. R.** Theory of functions of a complex variable, Cambridge, 1900.  
Theory of differential equations, Vol. 4, 1902; Vols. 5 and 6 (partial differential equations), Cambridge, 1906.
- FOUËT, E. A.** Leçons élémentaires sur la théorie des fonctions analytiques, 2 parts, Paris, 1902-04.
- FRANKLAND, F. W.** Thoughts on ultimate problems, third edition, London, 1906.
- FREDHOLM, I.** Sur les équations de l'équilibre d'un corps solide élastique, Stockholm, 1898.
- FRENCH Universities,** New Diplomas of, Dole, 1902.
- FURBMANN, A.** Aufgaben aus der analytischen Mechanik, Vol. 1 (3d edition), Leipzig, 1904.

- FUKUZAWA, F. Vier mathematische Abhandlungen, Tokio, 1907.
- GALDEANO, Z. G. DE. Tratado de aritmetica, Toledo, 1884.  
 Geometria general, Saragossa, 1895.  
 Las modernas generalizaciones expresadas por el algebra simbolica, las geometrias no-euclideas y el concepto de hiperespacio, Madrid, 1896.  
 Critica y sintesis del algebra, Toledo, 1888.  
 Tratado de analisis matematico, Vols. 1-5, Saragossa, 1904-1905.  
 Teoria de las ecuaciones diferenciales, Saragossa, 1907.  
 Algunas consideraciones sobre filosofia y ensenanza de la matematica, Saragossa, 1907.  
 Nuevo plan para la ensenanza de las matematicas elementales, Madrid, 1877.  
 El concepto del imaginarismo en la ciencia matematica, Saragossa, 1894.  
 Exposicion sumaria de las teorias matematicas, Saragossa, 1907.  
 Geometria elemental, Toledo, 1889.  
 Problemas de aritmetica y algebra, Toledo, 1885.  
 Tratado de algebra, Part 2, Toledo, 1888.
- GALLE, A. Geodäsie, Leipzig, 1907.
- GANTER, H. and RUDIO, F. Die Elemente der analytischen Geometrie, 3d edition, Leipzig, 1897.
- GAUSS, C. F. Werke, Vols. 1-6, Göttingen, 1870; Vols. 7, 9, Göttingen, 1903-1906.  
 See BOLYAI, W.
- GECK, E. Ueber die singulären Punkte algebraischer Flächen, Dissertation, Tübingen, 1900.
- GEHRCKE, E. Die Anwendung der Interferenzen in der Spektroskopie und Metrologie, Braunschweig, 1906.
- GEISSLER, K. Anschauliche Grundlagen der mathematischen Erdkunde, Leipzig, 1908.
- GENOCCHI, A. Differentialrechnung und Grundzüge der Integralrechnung, herausgegeben von G. Peano, Deutsche Uebersetzung von G. Bohlmann und A. Schepp, 2 parts, Leipzig, 1898-99.
- GERRISH, C. and WELLS, W. The beginner's algebra, Boston, 1902.
- GILLISS, J. M. Catalogue of 16748 southern stars deduced by the United States Naval Observatory from the zone observations made at Santiago de Chile by the U. S. naval astronomical expedition to the southern hemisphere, Washington, 1895.
- GLASER, R. Ueber die Minimalflächen, Dissertation, Tübingen, 1891.
- GONNESSIAT, F. Recherches sur l'équation personnelle, Paris, 1892.
- GORE, J. H. Elements of plane and spherical trigonometry, New York, 1907.
- GÖTTINGEN, University, Studienplan für die Kandidaten in Mathematik und Physik, n. d.
- GOULD, S. Bibliography on the polemic problem, what is the value of  $\pi$  . . . , Manchester, N. H., 1888.
- GOURSAT, E. Leçons sur l'intégration des équations aux dérivés partielles du premier ordre; faites à la Faculté des Sciences de Paris aux candidats à l'agrégation, et rédigées par C. Bourlet, Paris, 1891.  
 Cours d'analyse mathématique, Vol. 1, Paris, 1902; Vol. 2, Paris, 1905.

- GOURSAT, E., and HEDRICK, E. R. *Mathematical analysis*, Vol. 1, Boston, 1905.
- GRANE, N. *Ueber Kurven mit gleichartigen successiven Developpoiden*, Dissertation, Lund, 1894.
- GRANVILLE, W. A. *Elements of the differential and integral calculus*, Boston, 1904.
- GREAT BRITAIN. Science and art department, Report of the examiner on the results of the examination in elementary practical mathematics held on May 17, 1899, London, 1899.
- GREEN, GEORGE. *Mathematical papers*, Paris, 1903.
- GROAT, B. F. *Seven lessons in the theory of inversions of order and determinants*, Minneapolis, 1902.  
*Summation of differences of a function*, Minneapolis, 1902.
- GRÖNWALL, H. *Om system af linära totala differential-ekvationer*, Upsala, 1898.
- GROSS, W. *Die Berechnung der Schusstafeln*, Leipzig, 1901.
- GRÜNBERG, V. *Mikroskopische Bilderzeugung*, Leipzig, 1903.
- GUICHARD, G. *Sur les systèmes triplement indéterminés et sur systèmes orthogonaux* (*Scientia*, No. 25), Paris, 1905.
- GUILLEMIN, A. *Tableaux logarithmiques A et B*, Paris, 1906.
- GUNTHER, C. O. *Integration by trigonometric and imaginary substitution*, New York, 1907.
- GUTZMER, A. *Geschichte der Deutschen Mathematiker-Vereinigung*, Leipzig, 1904.
- HADAMARD, J. *La série de Taylor et son prolongement analytique*, Evreux, 1901.
- HAGEN, J. G. *Synopsis der höheren Mathematik*, Berlin, 1889–94.
- Haid, M. *Die modernen Ziele der Erdmessung*, Karlsruhe, 1901.  
*Ueber Gestalt und Bewegung der Erde*, Karlsruhe, 1894.
- HALGREN, E. *Om beräkningen af Abelska integralers omvändning*, Göteborg, 1894.
- HALSTED, G. B. *Metrical geometry; an elementary treatise on mensuration*, Boston, 1900.  
*Rational geometry*, New York, 1904.  
 See LOBACHEVSKY, N. I.
- HAMMER, E. *Sechstellige Tafel der Werte von  $\log \frac{1+x}{1-x}$* , Leipzig, 1902.
- HANCOCK, H. *Lectures on the theory of maxima and minima of functions of several variables*, Cincinnati, 1903.
- HARDY, A. S. *Elements of analytic geometry*, Boston, 1899.  
*Elements of quaternions*, Boston, 1895.  
*Elements of the differential and integral calculus; method of rates*, Boston, 1901.
- HARDY, G. H. *The integration of functions of a single variable*, Cambridge, 1905.
- HARKNESS, W. *Solar parallax and its related constants, including the figure and density of the earth*, Washington, 1891.
- HAUBER, W. *Statik*, Vols. 1–2, Leipzig, 1903–1904.
- HAWKINS, C. *Elementary trigonometry*, London, 1907.

- HEATH'S Mathematical Monographs (in one volume). Ruppert, W. W., Famous geometrical theorems and problems with their history; Milner, F., On teaching geometry; Aley, R. J., Graphs. Boston, 1900-1902.
- HEDRICK, E. R. Algebra for secondary schools, New York, 1908.  
See GOURSAT, E.
- HELSINGFORS. Polytekniska institutet i Finland, 1849-1899, Helsingfors, 1899.
- HELMERT, F. R. Die Ausgleichsrechnung nach der Methode der kleinsten Quadraten, 2d ed., Leipzig, 1907.
- HENSEL, K., and LANDSBERG, G. Theorie der algebraischen Funktionen einer Variablen und ihre Anwendungen auf algebraische Kurven und Abelsche Integrale, Leipzig, 1902.
- HERMITE, C. Oeuvres, Vol. 2, Paris, 1908.  
See PICARD.
- HERMITE, C., POINCARÉ, H., ROUCHÉ, E. Oeuvres de Laguerre, Vol. 2, Paris, 1905.
- HEURING, G. Ueber die gestaltlichen Verhältnisse der Flächen dritter Ordnung und ihrer parabolischen Kurven, Dissertation, Augsburg, 1887.
- HEUMAN, C. Operationsteoretisk framställning af teorien för finita för flyttningar, Stockholm, 1899.
- HEUSCH, F. DE. Cours d'analyse, Calcul différentiel, Bruxelles, 1898.
- HEYWOOD, H. B. Sur l'équation fonctionnelle de Fredholm et quelques-unes de ses applications, doctor thesis, Paris, 1908.
- HILBERT, D. Grundlagen der Geometrie, 3d ed., Leipzig, 1909.
- HILL, G. W. Collected mathematical works, Vols. 1-4, Baltimore, 1905-1907.
- HOCHHEIM, A. Analytische Geometrie der Ebene, Vol. 1, Leipzig, 1904.
- HOLMAN, S. W. Discussion of the precision of measurements, with examples . . . from physics and electrical engineering, New York, 1892.
- HOLMQUIST, B. Ueber Beziehungen zwischen binären und ternären Formensystemen, Dissertation, Lund, 1898.
- HOLZMÜLLER, G. Ingenieur-Mathematik, Das Potential, Leipzig, 1898. Elementare kosmische Betrachtungen über das Sonnensystem, Leipzig, 1906.
- HOPKINS, G. I. Manual of plane geometry on the heuristic plan, with . . . theorems and problems for advance work, Boston, 1901.
- HOSKINS, L. M. Theoretical mechanics, Stanford University, 1903.
- HUBBELL, H. The geometry of Euclid, 1861.
- HUDSON, R. W. H. T. Kummer's quartic surface, 1905.
- HUTCHINSON, J. I. See SNYDER, V.
- INDEX du Répertoire bibliographique des Sciences mathématiques, Paris, 1893; Amsterdam, 1908.
- INTERNATIONAL association for promoting the study of quaternions and allied systems of mathematics. See DUBLIN.
- INTERNATIONAL congress of mathematicians. See DUPORCQ, E.
- INTERNATIONAL geodetic association, Comptes-rendus des séances des conférences générales, Paris, 1900; Copenhagen, 1903; Budapest, 1906. Rédigés par H. J. van de Sande Bakhuyzen.

- IONESCU, I. Mathematical monographs, five in one Vol., Bucharest, 1895–1900.
- ISLEY, L., JR. Histoire des sciences mathématiques dans la suisse française, Neuchatel, 1901.
- ISSALY, L'ABBE. Principes fondamentaux de la théorie des pseudo-surfaces, Paris, 1902.
- JABLONSKI, M. E. Théorie des équations suite aux compléments d'algèbre avec de nombreux exercices, Paris, 1891.
- JACCOTTET, C. Ueber die allgemeine Reihenentwickelungen der Potentialfunktion nach Lamé'schen Produkten, Göttingen, 1895.
- JACKSON, L. L. See YOUNG, J. W. A.
- JACOBI, C. G. J. Gesammelte Werke, Vols. 1–2, Berlin, 1881.
- JAROLIMEK, V. Deskriptivní geometrie pro vyšší školy reálné; vydání čtvrté dle nové osnovy zpracované, Praze, 1900.  
Geometrie pro nižší třídy škol reálných; vydání čtvrté dle nové osnovy upravené, Praze, 1901.
- JOHNSON, W. E. Mathematical geography, New York, 1907.
- JOHNSON, W. W. Curve tracing in cartesian coördinates, New York, 1884.  
Elementary treatise on the integral calculus founded on the method of rates or fluxions, New York, 1887.  
The theory of errors and method of least squares, New York, 1892.  
A treatise on ordinary and partial differential equations, New York, 1896.  
Theoretical mechanics, New York, 1901.  
Elementary treatise on the differential calculus, New York, 1904.  
See RICE, J. M.
- JOUFFRET, E. Melanges de géométrie á quatre dimensions, Paris, 1906.
- JUNKER, F. Ueber algebraische Korrespondenzen, Dissertation, Tübingen, 1889.
- KATALOG der auf Hamburger Bibliotheken vorhandener Literatur aus der reinen und angewandten Mathematik und Physik. 2ter Nachtrag, Hamburg, 1906.
- KAZAN UNIVERSITY, Celebration at the Imperial Kazan University; centennial festival of the birth of N. I. Lobachevsky, Kazan, 1894.
- KELSO, O. L. Arithmetic for high schools, academies, and normal schools, New York, 1903.
- KIEPERT, L.,—STEGEMAN, M. Grundriss der Differential- und Integral-Rechnung, Hannover, 1900–1901.
- KIJLSTRA, A. Ruimtebeschouwingen in verband met den Pascalschen zeshock, Helder, 1903.
- KIMURA, S. Lectures on quaternions. Tokio, 1904.
- KLAUSENBURG. Johannis Bolyai in Memoriam, 1902.
- KLEIN, F. Famous problems of elementary geometry, translated by W. W. Beman and D. E. Smith, Boston, 1897.  
On Riemann's theory of algebraic functions and their integrals, translated by Francis Hardcastle, Cambridge (Eng.), 1893.  
Anwendung der Differential und Integralrechnung auf Geometrie, eine Revision der Principien. Vorlesung . . . , ausgearbeitet von Conrad Müller, Leipzig, 1902.  
Ueber eine zeitgemässe Umgestaltung des mathematischen Unterrichts an den höheren Schulen, Leipzig, 1904.

- KLEIN, F., and SOMMERFELD, A. *Theorie des Kreisels*, Parts 1-3, Leipzig, 1897-1903.
- KNOTT, C. G., and MACKAY, J. S. *Practical mathematics*, new edition, Edinburgh, 1903.
- KOCH, H. *Sur une application des déterminants infinis à la théorie des équations fonctionnelles*, Stockholm, 1899.
- KOHLRAUSCH, F. *Lehrbuch der praktischen Physik*, Leipzig, 1901.
- KOLOUSEK, J. *Mathematická theorie duchodu Jistych a Piyček annu-tauch*, Prague, 1904.
- KOMMERELL, K. *Die Krümmung der zweidimensionalen Gebilde im ebenen Raum von vier Dimensionen*, Tübingen, 1897.
- KÖSTLIN, W. *Ueber Singularitäten ebener algebraischer Curven*, Dis-sertation, Dresden, 1895.
- KRAZER, A. *Verhandlungen des III internationalen Mathematiker-Congresses in Heidelberg*, 1904. Leipzig, 1905.
- KÜBLER, B. J. *Woher kommen die Weltgesetze?*
- KURTEN, L. *Ett problem angående kröningslinjerna på andra gradens ytor löst med till hjälp af paraboliska och elliptiska koordinater och elliptiska funktioner*, Dissertation, Helsingfors, 1893.
- LACHLAN, R. *Elementary treatise on modern pure geometry*, London, 1893.
- LAGRANGE, J. L. *Lectures on elementary mathematics*, translated by T. J. McCormack, Chicago, 1901.
- LAGUERRE, E. N. See HERMITE, C.
- LAMBERT, P. A. See FOERING, H. A.
- LAMPE, E. *Die Entwicklung der Mathematik im Zusammenhange mit der Ausbreitung der Kultur*, Berlin, 1893.
- LANDSBERG, G. See HENSEL, K.
- LANE, A. *Adjustments of the compass, transit and level*, Boston, 1886.
- LAPLACE, MARQUIS DE. *Mécanique céleste*, translated by N. Bowditch. 4 vols., Boston, 1829-39.
- LARMOR, J. *Aether and matter*, Cambridge, 1900.
- LASKA, V. *Vyšší geodesie*, Prague, 1896.
- LAURENT, H. *Sur le principes fondamentaux de la théorie des nombres*.
- LAURIN, P. *Sur la transformation isogonale définie par une fonction rationnelle*, Dissertation, Lund, 1887.
- LAZZERI, G. *Manuale de trigonometria piana*, Livorno, 1901.  
*Sulla rappresentazione piana*, Livorno, 1901.  
*Manuale de trigonometria sferica*, Livorno, 1901.
- LEATHAM, J. G. *Volume and surface integrals used in physics*, Cam-bridge, 1905.
- LEBON, E. *Géométrie descriptive et géométrie cotée*, Paris, 1903; 2d edition, Paris, 1907.  
 Henri Poincaré, biographie, bibliographie analytique des écrits, Paris, 1910.
- LEGHALAS, G. *Introduction à la géométrie générale*, Paris, 1904.
- LEMOINE, E. M. H. *Géométriegraphie*, Paris, 1902.
- LÉPINAY, M. DE. *Franges d'interférence*, Paris, 1902.
- LESTER, O. C. *The integrals of mechanics*, Boston, 1909.

- LE VAVASSEUR, R. *Énumération des groupes d'opérations d'ordre donné*, Paris, n. d.  
*Groupes d'ordres finis et groupes finis continus*, Lyons, 1904.  
*Quelques démonstrations relatives à la théorie des nombres entiers complex cubiques. Propriétés de quelques groupes d'ordres finies*, Paris, 1908.
- LEVI-CIVITA, T. *Sul campo elettromagnetico generato della traslazione uniforme die una garica elettrica*, Pisa, 1903.
- LIE, S. See SCHEFFERS, G.
- LINDELÖF, E. *Sur les systèmes complets et le calcul des invariants différentiels des groupes continus finis*, Dissertation, Helsingfors, 1893.  
*Calcul des résidus*, Paris, 1904.
- LJUNGH, A. T. *Ueber isoptische und orthoptische Kurven*, Dissertation, Lund, 1895.
- LOBACHEVSKY, N. I. *Geometrical researches on the theory of parallels*, translated by G. B. Halsted, Austin, 1891.
- LONDON. *International catalogue of scientific literature, A, mathematics*, 1902.
- LORIA, G. *Le trasfigurazioni di una scienza, e donne matematiche*, 2d ed., Mantova, 1902.
- LOVE, A. E. H. *Treatise on the mathematical theory of elasticity*, Cambridge, 1892.  
*Theoretical mechanics*, 2d ed., Cambridge, 1906.
- LOVE, J. L. *Differential and integral calculus*, Cambridge, Mass, 1899.
- LUDWIG, W. *Projective Untersuchungen über die Kreisverwandtschaften der nichteuclidischen Geometrie*, Karlsruhe, 1904.
- LYMAN, E. A. *Advanced arithmetic*, New York, 1905.
- MCAULAY, A. *Utility of quaternions in physics*, London, 1893.  
*Otonions; a development of Clifford's biquaternions*, Cambridge, 1898.
- MCCORMACK, T. J. See MACH, E., LAGRANGE, J. L., SCHUBERT, H.
- McMAHON, J. *Elementary plane geometry*, New York, 1903.
- McMURRY, C. A. *Special method in arithmetic*, New York, 1905.
- MACFARLANE, A. *Bibliography of quaternions and allied systems of mathematics*, Dublin, 1904.
- MACH, E. *Popular scientific lectures*, Chicago, 1898.  
*Space and geometry* (English translation by McCormack, T. J.), Chicago, 1906.
- MACKAY, J. S. See KNOTT, C. G.
- MAJOCCHI, G. *Una linea retta punteggiata*, 2d ed., Milan, 1903.
- MALMBORG, M. *Om integrationen af en klass af lineära differentialekvationer med dubbelperiodiska koefficienter, analog med de S. K. Hermite'ska differentialekvationerna*, Dissertation, Upsala, 1897.
- MANGOLDT, H. K. E. *Bilder aus der Entwicklung der reinen und angewandten Mathematik während des neunzehnten Jahrhunderts. Festrede der Königlichen technischen Hochschule zu Aachen 1900*, Aachen, 1900.
- MANNING, H. P. *Non-euclidean geometry*, Boston, 1901.



- MARCOLONGO, R. Teoria matematica dello equilibrio dei corpi elastici, Milan, 1904.
- MASCHERONI, L. La geometria del compasso, new ed., Pavia, 1901.
- MATHEWS, G. B. Algebraic equations, Cambridge, 1907.
- MENDIZÁBAL Y TAMBORBEL, J. DE. Arithmetica elemental, 2d ed., Mexico, 1897.  
Algebra elemental, 2d ed., Mexico, 1898.  
Tablas de multiplicar, Mexico, 1903.  
Tratado de matemática, Mexico, n. d.
- METZLER, W. H., ROE, E. D., and BULLARD, W. G. College algebra, New York, 1908.
- MEYERHOFFER, W. Gleichgewichte der Stereomeren, Leipzig, 1906.
- MICHIGAN MINING SCHOOL, Catalogues, 1890-94. Reports of the director, 1890-92, Lansing, 1893.
- MILNE, W. J. Progressive arithmetic, Books I., II., III., New York, 1906.  
Standard algebra, New York, 1908.
- MILNER, F. See HEATH.
- MINER, G. W. See MOORE, J. H.
- MONTCHEUIL, M. DE. Sur une classe de surfaces, Thèse, Paris, 1902.
- MONTREAL, McGill University, Calendar, 1903, 1908-1909.
- MOORE, J. H. and MINER, G. W. Manual of accounting and business practice, Boston, 1902.  
Teachers' manual to Manual of business practice, Boston, 1903.  
Practical business arithmetic, Boston, 1906.
- MOORS, B. P. Les systèmes des poids, mesures, et monnaies des Israélites, Paris, 1904.
- MOUTIER, P. Essai sur l'organisation rationnelle de la compatibilité a parties doubles, Rouen, 1899.
- MUKHOPADHYAY, A. Elementary treatise on the geometry of conics, London, 1893.
- MURHARD, W. A. Literatur der mathematischen Wissenschaften, Vols. 1-5, Leipzig, 1797-1805.
- MURRAY, D. A. Practical mathematics, New York, 1905.
- MYERS, G. W. First year mathematics for secondary schools, Chicago, 1907.  
Geometric exercises for algebraic solution, Chicago, 1907.
- NÉCULCÉA, E. Le phénomène de Kerr et les phénomènes électro-optiques (Scientia, No. 16), Paris, 1902.
- NESTLE, P. See DOLL, M.
- NETTO, E. Combinatorik, Leipzig, 1901.
- NICHOLS, E. W. Analytic geometry for colleges, universities and technical schools, Boston, 1900.  
Differential and integral calculus with applications; for colleges, universities and technical schools, Boston, 1900.
- NILSSON, G. Sur les équations fonctionnelles, Upsala, 1899.
- OLTRAMARE, G. Calcul de généralisation, Paris, 1899.
- OSBORNE, G. A. Differential and integral calculus, Boston, 1901.

- OSGOOD, W. F. Introduction to infinite series, Cambridge, Mass., 1897.  
 Introduction to infinite series, 2d ed., Cambridge, 1902.  
 Collected papers, Vols. I, II.  
 Lehrbuch der Funktionentheorie, Vol. 1, Leipzig, 1906.  
 Differential and integral calculus, New York, 1907.
- OSTENFELD, A. Technische Statik (German translation by Skouge, D.),  
 Leipzig, 1904.
- PASCAL, E. Eugenio Beltrami; discorso letto al Reale istituto Lombardo di scienze e lettere, Milan, 1901.  
 Lezioni di calcolo infinitesimale, Part I, integrale; Part II, differenziale, Milan, 1902-1903.
- PEANO, G. Notations de logique mathématique, introduction au formulaire de mathématique publié par la "Rivista di matematica," Turin, 1894.
- PEEK, J. H. La formule  $\rho = re^{(\phi+i\psi)}$  interprétée géométriquement dans l'espace, de manière à prendre la forme d'un quaternion, Amsterdam, 1907.
- PEIRCE, B. An elementary treatise on plane and spherical trigonometry, Boston and Cambridge, 1861.  
 Linear associative algebra, New York, 1882.  
 Physical and celestial mechanics, developed in four systems of analytic mechanics, celestial mechanics, potential physics and analytic morphology, Boston, 1855.
- PEIRCE, B. O. Elements of the theory of the Newtonian potential function, Boston, 1886.
- PEIRCE, J. M. The elements of logarithms, Boston, 1874.
- PERKIN, F. M. The metric and British systems of weights, measures and coinage, London, 1907.
- PETRONIEVIC, B. Principien der Metaphysik, Vol. 1, Heidelberg, 1904.
- PHILADELPHIA. Franklin bicentennial celebration, 1906.
- PICARD, E. Traité d'analyse, Paris, 1896.  
 Oeuvres de Charles Hermite, Vol. 1, Paris, 1905.  
 Sur le développement de l'analyse, Paris, 1905.
- PIETZKER, F. See BARDEY, E.
- PINKERTON, R. H. See BRYAN, G. H.
- PLACE, J. F. Continuous power the natural result of converting heat into work in an insulated expansion engine, New York, 1903.
- POINCARÉ, H. Electricité et optique, la lumière et les théories électrodynamiques, 1901.  
 Théorie de Maxwell—La télégraphie sans fil (Scientia, No. 23), Paris, 1904.  
 See HERMITE, CH.
- POLIS, P. Die Strömungen der Luft in den barometrischen Minima und Maxima; ein Beitrag zur Theorie der Cyklonen und Anticyklonen, Dissertation, Hamburg, 1899.
- PORTA, F. Discussioni delle equazioni generali delle coniche e delle quadriche in coordinate cartesiane, Turin, 1893.
- PRAGER TYCHONIANA. 5 pamphlets relating to Tycho Brahe, Prague, 1901-1902.
- PRAGUE. *Jednota českých matematiků Sborník*.  
 Vol. 1. WEYR, E. Projectivná geometrie, 1898.

- Vol. 2. KOLÁČEK, F. Hydrodynamika, 1899.  
 Vol. 3. STUDNICKA, F. J. Uvod do nauky o determinantech, 1900.  
 Vol. 4. STROUHAL, C. Mechanika, 1901.  
 Vol. 5. WEYR, E. Počet diferenciální, 1902.  
 Vol. 6. STROUHAL, C. Akustika, 1903.  
 Vol. 7. STUDNICKA, F. J. Analytické geometrie, V rovině, 1903.  
 Vol. 8. KOLOUŠEK, J. Mathematická theorie duchodů jistých a puček annuitních, 1904.  
 Vol. 9. KOLÁČEK, F. Electřina a magnetismus, 1905.  
 Vol. 10. SOBOTKA, J. Deskriptione geometrie. Promítani paralelního, 1906.
- PRESSLAND, A. J. and TWEEDIE, C. Elementary trigonometry, Edinburgh, 1900.
- PRICE, B. A treatise on infinitesimal calculus, Vols. 1–4, Oxford, 1857.
- PURYEAR, C. See TAYLOR, T. U.
- RADFORD, E. M. Mathematical problem papers, Cambridge, 1904.
- RAFFY, L. See ROBIN, G.
- RAOULT, F. M. Cryoscopie, Paris, 1901.
- REEKS, M. Hints for crystal drawing, London, 1907.
- REYNOLDS, O. The sub-mechanics of the universe, Cambridge, Eng., 1903.
- RICE, J. M., and JOHNSON, W. W. Elementary treatise on the differential calculus founded on the method of rates or fluxions, New York, 1879.
- RIDDEL, J. Practical plane and solid geometry, Edinburgh, 1899.
- RIEMANN, B.—STAHL, H. Elliptische Funktionen, Leipzig, 1899.
- RIOLLOT, J. Les carrés magiques, Paris, 1907.
- RIPERT, L. La dualité et l'homographie dans le triangle et le tétraèdre, Paris, 1898.
- ROBBINS, E. R. Plane geometry, New York, 1906.  
 Plane and solid geometry, New York, 1907.
- ROBBINS, E. R., and SOMERVILLE, F. H. Exercises in algebra, New York, 1904.
- ROBERTS, R. A. Treatise on the integral calculus, Dublin, 1887.
- ROBIN, G. Oeuvres scientifiques, reunies et publiées par L. Raffy, vol. 1: Théorie nouvelle des fonctions, Paris, 1903.
- ROE, E. D. See METZLER, W. H.
- ROUCHÉ, E. See HERMITE, C.
- Row, T. S. Geometric exercises in paper folding, edited and revised by W. W. Beman and D. E. Smith, Chicago, 1901.  
 Elementary solid geometry, Parts 1–3, Trichinopoly, 1906–1909.
- ROZÈ, P. Théorie et usage de la règle a calculs, Paris, 1907.
- RUDIO, F. Die analytische Geometrie des Raumes, 2d ed., Leipzig, 1899.  
 Der Bericht des Simplicius über die Quadraturen des Antiphon und des Hippokrates, Leipzig, 1907.  
 See also GANTER, H.
- RUPPERT, W. W. See HEATH.
- RUSSELL, J. W. Elementary treatise on pure geometry, with numerous examples, Oxford, 1893.
- RYDBERG, J. R. Konstruktioner af kägelsnitt i 3-och 4-punktskontakt, Dissertation, Lund, 1879.

- SANDERS, A. Elements of plane and solid geometry, New York, 1903.
- SAPOLSKY, L. Relativ-Abel'sche cubische Zahlkörper, 1902.
- SARBETTE, H. Precis arithmétique des calculs d'empruntes à long terme et de valeurs mobilières, Paris, 1908.
- SAUERBECK, P. J. Ueber die Raumkurve VI. Ordnung mit vier wirklichen Doppelpunkten, Dissertation, Tübingen, 1889.
- SCHAEFFERS, G. Sophus Lie Vorlesungen über kontinuierliche Gruppen, Leipzig, 1893.  
See SERRET, J. A.
- SCHAPP, A. See GENOCCHI, A., VERONESE, G.
- SCHILLING, F. Ueber die Anwendungen der darstellenden Geometrie, Leipzig, 1904.
- SCHILLING, M. Catalog mathematischer Modelle, Halle, 1903.
- SCHLOTKE, J. Darstellende Geometrie, part I, 1900.
- SCHMALL, C. N., and SHACK, S. M. Plane geometry, New York, 1904.
- SCHMIDT, W. Heron of Alexandria, Leipzig, 1899.
- SCHÖNFELD, G. A. Die Kromme van den vierden Graad in de vierdimensionale Ruimte, Gronigen, 1904.
- SCHRÖDER, J. F. L. Elementa matheseos purae, Vols. 1, 2, Rhenum, 1831.
- SCHUBERT, H. Elementare Berechnung der Logarithmen, Leipzig, 1903.  
Mathematical essays and recreations; translated from the German by T. J. McCormack, Chicago, 1898.
- SCHÜLKE, A. Aufgaben-Sammlung aus der Arithmetik, Geometrie, Trigonometrie und Stereometrie, Leipzig, 1902.
- SCHULTZE, A. Graphic algebra, New York, 1908.
- SCHULTZE, A. and SEVENOAK, F. L. Plane and solid geometry, New York, 1901.
- SCHUSTER, M. Trigonometrie, Leipzig, 1903.
- SCHWATT, I. J. Contributions to the geometry of the triangle, Philadelphia, 1897.  
See FISHER, G. E.
- SEE, T. J. Researches on the evolution of the stellar systems, Lynn, 1896.
- SÉGUIER, J. DE. Eléments de la théorie des groupes abstraits, Paris, 1904.
- SELLENTHIN, B. Mathematischer Leitfaden mit besonderer Berücksichtigung der Navigation, Leipzig, 1902.
- SERRET, J. A.,-SCHEFFERS, G. Lehrbuch der Differential- und Integralrechnung, 4th and 5th ed., Leipzig, 1908.
- SEVENOAK, F. L. See SCHULTZE, A.
- SEYDLER, A. Základové theoretické fysiky, Prague, 1895.
- SHACK, S. M. See SCHMALL, C. N.
- SHAW, J. B. Synopsis of linear associative algebra, Washington, 1907.
- SHEARMAN, A. T. The development of symbolic logic, London, 1906.
- SKOUGE, D. See OSTENFELD, A.
- SMITH, D. E. Grammar school arithmetic, New York, 1904. Primary arithmetic, New York, 1904. Grammar school algebra, 1904. Teaching of elementary mathematics, New York, 1901.

- Portfolio of portraits of eminent mathematicians, Parts 1-2, Chicago, 1905.  
 Rara arithmetic, New York, 1908.  
 The teaching of arithmetic, New York, 1909.  
 See also BEMAN; FINK; KLEIN; ROW.
- SMITH, P. F. Elementary calculus, New York, 1902; 2d ed., 1903.
- SMITH, W. B. Infinitesimal analysis, New York, 1898.
- SNYDER, V. and HUTCHINSON, J. I. Differential and integral calculus, New York, 1902.
- SOHNCKE, L. A. Bibliotheca mathematica, Verzeichniss der Bücher über die gesammten Zweige der Mathematik, Leipzig, 1854.
- SOLÍN, J. Theorie plnostěnných nosfků obloukových o dvou opěrách, Prague, 1892.
- SOLVERT, M. Mémoires sur une classe de fonctions elliptiques, Brussels, 1903.
- SOMMER, J. Ueber die Bestimmung ausgezeichneter Punktgruppen auf Kurven Dissertation, Tübingen, 1898.
- SOMMERFELD, A. See KLEIN, F.
- SOMERVILLE, F. H. First year in algebra, New York, 1905.  
 See ROBBINS, E. R.
- SQUIER, G. O. Electro-chemical effects due to magnetization, 1893.
- STÄCKEL, P., and AHRENS, W. Briefwechsel zwischen C. G. J. Jacobi und P. H. Fuss über die Herausgabe der Werke Leonhard Eulers, Leipzig, 1908.
- STAHL, H. See RIEMANN, B.
- STARKE, H. Experimentelle Elektrizitätslehre, Leipzig, 1904.
- STEGEMANN, M. See KIEPERT, L.
- STEINER, G. F. Ueber die katakautiken algebraischen ebenen Curven, Lund, 1896.
- STEPHAN, P. Die technische Mechanik, Vol. 1, (starre Körper), Leipzig, 1904.
- STOFFAES, L'ABBE. Cours de mathématiques supérieures, Paris, 1904.
- STRINGHAM, I. Uniplanar algebra, San Francisco, 1893.
- STROUHAL. See PRAGUE.
- STUDNICKA. See PRAGUE.
- STUDY, E. Geometrie der Dynamen, Leipzig, 1903.
- STUYVAERT, M. Les nombres positifs, Ghent, 1906.
- SYDNEY. Calendar of the University, 1903-1904, 1905-1908.
- SYMPOSIUM on mathematics for engineering students (report of the joint meetings at Chicago, December 30-31, 1907), New York, 1908.
- TAFTL, E. Algebra. pro vyšší třídy středních škol českých páté vydání pro gymnasia, Prague, 1901.
- TARRY, G. Tablettes des cotes relatives a la base 20580 des facteurs premiers d'un nombre inférieur a  $N$  et non divisible par 2, 3, 5 ou 7, Paris, 1906.
- TAYLOR, D. W. Resistance of ships, New York, 1893.

- TAYLOR, J. M. A college algebra, Boston, 1889.  
 An academic algebra, Boston, 1893.  
 Elements of algebra, Boston, 1900.  
 Elements of the differential and integral calculus, Boston, 1897;  
 rev. ed., Boston, 1901.
- TAYLOR, T. U. and PURYEAR, C. The elements of plane and spherical trigonometry, Boston, 1902.
- TEICHMÜLLER, J. Die elektrischen Gleichstromleitungen mit Rücksicht auf ihre Elastizität, Stuttgart, 1898.
- TEIXEIRA, F. G. Obras sobre mathematica, Vols. 1-2, 4-5, Coimbra, 1904-1909.
- TEUBNER, B. G. Verzeichnis des Verlags von B. G. Teubner in Leipzig auf dem Gebiete der Mathematik, der technischen und Naturwissenschaften nebst Grenzgebieten, Leipzig, 1904.  
 Verlag auf dem Gebiete der Mathematik, Naturwissenschaften und Technik, Leipzig, 1908.
- TISELIUS, H. A. Om dödlighets-, premie- och vinstberäkningar inom liförsäkringsteorien, Stockholm, 1893.
- TORONTO UNIVERSITY. Examination papers for 1901, Toronto, 1901.  
 Mathematical and physical society, papers read before the society during the years 1890-92, Toronto, 1891.
- TURIN UNIVERSITY. Osservatorio, Osservazioni meteorologiche fatte . . . calcolate dal . . . Luigi Carnera, Turin, 1901.
- TWEEDIE, C. See PRESSLAND, A. J.
- VAN VLECK, E. B., WHITE, H. S., WOODS, F. S. The Boston Colloquium Lectures on Mathematics, New York, 1905.
- VASILÉV, A. P. L. Tchebychev und seine wissenschaftlichen Leistungen, Leipzig, 1900.
- VERONESE, G. Grundzüge der Geometrie, translated by A. Schepp, Leipzig, 1894.
- VIVANTE, G. Leçons élémentaires sur la théorie des groupes de transformations, traduites par A. Boulanger, Paris, 1904.
- VOGT, H. Eléments de mathématiques supérieures, Paris, 1901.
- WAGNER, K. W. Elektromagnetische Ausgleichsvorgänge in Freileitungen und Kabeln, Leipzig, 1908.
- WALKER, G. T. Aberration and the electromagnetic field, Cambridge, 1900.
- WAND, J. Die Principien der mathematischen Physik und die Potentialtheorie, Leipzig, 1871.
- WANGERIN, A. Verhandlungen der Breslauer Naturforscher-Versammlung, Leipzig, 1905.
- WELLS, W. College algebra, Boston, 1899.  
 Essentials of geometry, Boston, 1899.  
 New higher algebra, Boston, 1899.  
 New plane and spherical trigonometry, Boston, 1900.  
 Six place logarithmic tables with a table of natural sines, cosines, tangents and cotangents, Boston, 1900.  
 Essentials of algebra for secondary schools, Boston, 1901.  
 Algebra for secondary schools, Boston, 1906.  
 See GERRISH, C.
- WENTWORTH, G. A. Advanced arithmetic, Boston, 1901.  
 Practical arithmetic, Boston, 1901.  
 College algebra, Boston, 1901.

- Higher algebra, Boston, 1901.  
 New school algebra, Boston, 1901.  
 Plane and spherical trigonometry and tables, Boston, 1901.  
 Plane and solid geometry, Boston, 1901.  
 College algebra, revised, Boston, 1902.  
 Elementary arithmetic, Boston, 1906.  
 New elementary arithmetic, Boston, 1907.
- WEYR, E. Pocat diferencialny, Prague, 1902.  
 Projektivná geometry. Utvaru prvného radu, Prague, 1898.
- WHEELER, A. H. First course in algebra, Boston, 1907.
- WHITE, H. S. See VAN VLECK, E. B.
- WHITEHEAD, A. N. The axioms of projective geometry, Cambridge, 1906.
- WILCZYNSKI, E. J. Projective differential geometry of curves and ruled surfaces, Leipzig, 1906.
- WILLEBRAND, K. R. VON. Studier öfver hydraulikens Teorier, Helsingfors, 1902.
- WILLIOT, V. Etudes sur les nombres premiers, part 1, Paris, 1903.
- WILSON, J. C. On the traversing of geometrical figures, Oxford, 1905.
- WIMAN, A. Klassifikation af regelytorna af sjette graden, Lund, 1892.
- WINTERHALTER, A. G. International astrophotographic congress and a visit to certain European observatories and other institutions, Washington, 1889.
- WITHERS, J. W. Euclid's parallel postulate: its nature, validity, and place in geometrical systems, Chicago, 1905.
- WOODS, F. S. See VAN VLECK, E. B.
- WÜLLNER, A. Festschrift zum siebzigsten Geburtstage, Leipzig, 1905.
- YOUNG, J. W. A., and JACKSON, L. L. Elementary algebra, New York, 1908.
- ZEUTHEN, H. G. Festschrift til H. G. Zeuthen, Copenhagen, 1909.
- ZIWET, A. Elementary treatise on theoretical mechanics, New York, 1893.
- ZORETTI, L. See BOREL, E.