

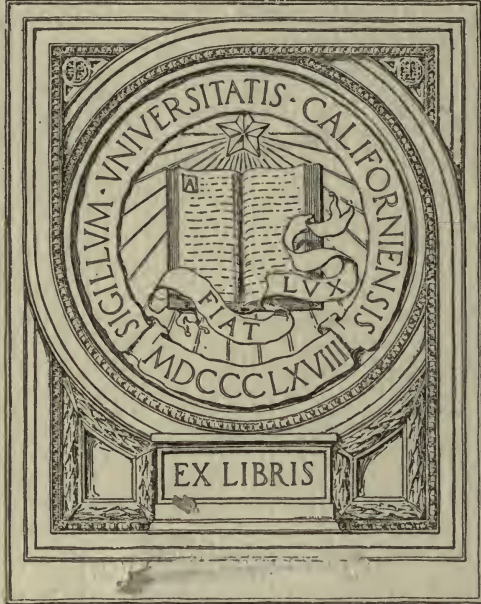
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BULLETIN, 1918, No. 9

UNION LIST
OF
MATHEMATICAL PERIODICALS

By

DAVID EUGENE SMITH

LIBRARIAN OF THE AMERICAN MATHEMATICAL SOCIETY

AND

CAROLINE EUSTIS SEELY



UNIVERSITY OF
CALIFORNIA

WASHINGTON
GOVERNMENT PRINTING OFFICE
1918

BULLETIN OF THE BUREAU OF EDUCATION.

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- *No. 3. Pine-needle basketry in schools. William C. A. Hammel. 5 cts.
- No. 4. Secondary agricultural schools in Russia. W. S. Jesien.
- *No. 5. Report of an inquiry into the administration and support of the Colorado school system. Katherine M. Cook and A. C. Monahan. 10 cts.
- No. 6. Educative and economic possibilities of school-directed home gardening in Richmond, Ind. J. L. Randall.
- No. 7. Monthly record of current educational publications, February, 1917.
- No. 8. Current practice in city school administration. W. S. Deffenbaugh.
- No. 9. Department-store education. Helen R. Norton.
- No. 10. Development of arithmetic as a school subject. W. S. Monroe.
- No. 11. Higher technical education in foreign countries. A. T. Smith and W. S. Jesien.
- No. 12. Monthly record of current educational publications, March, 1917.
- No. 13. Monthly record of current educational publications, April, 1917.
- *No. 14. A graphic survey of book publication, 1890-1916. F. E. Woodward. 5 cts.
- No. 15. Studies in higher education in Ireland and Wales. George E. MacLean.
- No. 16. Studies in higher education in England and Scotland. George E. MacLean.
- No. 17. Accredited higher institutions. S. P. Capen.
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- No. 20. Work of school children during out-of-school hours. C. D. Jarvis.
- No. 21. Monthly record of current educational publications, May, 1917.
- No. 22. Money value of education. A. C. Ellis.
- *No. 23. Three short courses in home making. Carrie A. Lyford. 15 cts.
- No. 24. Monthly record of current educational publications—Index, February, 1916, to January, 1917.
- No. 25. Military training of youths of school age in foreign countries. W. S. Jesien.
- No. 26. Garden clubs in the schools of Englewood, N. J. Charles O. Smith.
- No. 27. Training of teachers of mathematics for secondary schools. R. C. Archibald.
- No. 28. Monthly record of current educational publications, June, 1917.
- No. 29. Practice teaching for secondary school-teachers. A. R. Mead.
- No. 30. School extension statistics, 1915-16. Clarence A. Perry.
- No. 31. Rural-teacher preparation in county training schools and high schools. H. W. Foght.
- No. 32. Work of the Bureau of Education for the natives of Alaska, 1915-16.
- No. 33. A comparison of the salaries of rural and urban superintendents of schools. A. C. Monahan and C. H. Dye.

(Continued on page 3 of cover.)

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BUREAU OF EDUCATION

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WASHINGTON
GOVERNMENT PRINTING OFFICE
1918

DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGY

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BULLETIN 1018

UNION LIST

MATHEMATICAL PERIODICALS

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CONTENTS.

Introduction.....	Page. 5
Libraries reporting	6
Geographical distribution of libraries.....	7
I. Mathematical periodicals.....	8
II. Periodicals partly mathematical.....	30
Index.....	57



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UNION LIST OF MATHEMATICAL PERIODICALS.

INTRODUCTION.

The following list of mathematical periodicals has been prepared for the use of research students in mathematics in the universities of the United States. It is not intended to be a complete list of all publications of this kind; indeed, such a catalogue, while very desirable from the bibliographical and historical standpoint, would not ordinarily serve the purposes of the graduate student in mathematics as well as a brief list of this nature. The selection has been made after consultation with a number of professors in those universities that have most to do with directing research work in mathematics in this country, and it represents the periodicals which, in the judgment of these advisers, the student will be most apt to consult in his investigations. The less frequently used journals should also, at some time, be listed, but this is a labor that should be undertaken with a view to compiling a complete bibliography of the subject.

The present list is divided into two parts. In the first part those periodicals appear which relate solely to mathematics, whether they are issued in the form of journals or of publications of scientific societies. The second part includes those periodicals which contain mathematical articles which the student will probably wish to consult, but which are not wholly concerned with such articles.

The index permits the student to refer at once to each list and also to find with ease the periodical for which he is looking under any one of various names by which it is known, or under the place of its publication.

The selection of libraries has been somewhat arbitrary. Those universities known to have large collections of works on mathematics have, of course, been included. Other universities which are undertaking graduate work leading to the doctor's degree and have a considerable number of sets of periodicals have also been included, but with the evident understanding that the list is by no means complete and that any scientific selection would be very difficult. Certain city libraries have naturally found place, but here again it is difficult to draw a line between those which might properly have place and those which might not. In general, the purpose has not been so much to include one library and not another as to include a fair number of prominent libraries geographically located at points accessible to students.

It is hoped that the list may render more convenient such loans as the rules of various libraries may permit, may give to students easy access to important periodicals that they may need to consult, and may assist all libraries intended for research students in mathematics in selecting the periodicals that such students need most frequently to use.

Students are advised to consult the list of periodicals in the library of the American Mathematical Society for certain current journals not frequently used and not found in enough libraries to make the inclusion of more than two or three in this union list of any particular value.

In general, the names of places are given with the local spellings and also with the spellings adopted in the publications of the United States Government.

LIBRARIES REPORTING.

[The catch word referring to each library is given in italics.]

- Adelbert College, Western Reserve University, Cleveland, Ohio. *Adelbert.*
 American Mathematical Society, 501 West 116th St., New York City. *Am. Math. Soc.*
 American Philosophical Society, 104 South Fifth St., Philadelphia, Pa. *Am. Phil. Soc.*
 Boston Athenaeum, Boston, Mass. *Boston Athen.*
 Brooklyn Public Library, Brooklyn, N. Y. *Brooklyn Pub.*
 Brown University, Providence, R. I. *Brown.*
 Bryn Mawr College, Bryn Mawr, Pa. *Bryn Mawr.*
 Bureau of Standards, United States, Washington, D. C. *Bureau Standards.*
 California, University of, Berkeley, Cal. *Calif.*
 Case School of Applied Science, Cleveland, Ohio. *Case.*
 Catholic University of America, Washington, D. C. *Catholic.*
 Chicago, The University of, Chicago, Ill. *Chicago.*
 Clark University, Worcester, Mass. *Clark.*
 Coast and Geodetic Survey, United States, Washington, D. C. *Coast Geodetic.*
 Columbia University, New York City. *Columbia.*
 Congressional Library, Washington, D. C. *Congress.*
 Cornell University, Ithaca, N. Y. *Cornell.*
 Crerar. The John Crerar Library, Chicago, Ill. *Crerar.*
 Dudley Observatory, Albany, N. Y. *Dudley.*
 Harvard University, Cambridge, Mass. *Harvard.*
 Haverford College, Haverford, Pa. *Haverford.*
 Idaho, University of, Moscow, Idaho. *Idaho.*
 Illinois, University of, Urbana, Ill. *Ill.*
 Indiana, University of, Bloomington, Ind. *Indiana.*
 Iowa, University of, Iowa City, Iowa. *Iowa.*
 Johns Hopkins University, Baltimore, Md. *Johns Hopkins.*
 Kansas, University of, Lawrence, Kan. *Kansas.*
 Massachusetts Institute of Technology, Cambridge, Mass. *Mass. Tech.*
 Michigan, University of, Ann Arbor, Mich. *Mich.*
 Minnesota, University of, Minneapolis, Minn. *Minn.*
 Missouri, University of, Columbia, Mo. *Mo.*
 Naval Academy, United States, Annapolis, Md. *Naval Ac.*
 Nebraska, University of, Lincoln, Neb. *Neb.*

New York Public Library, New York City. *N. Y. Pub.*
 Northwestern University, Evanston, Ill. *Northwestern.*
 Pennsylvania, University of, Philadelphia, Pa. *Pa.*
 Philadelphia Free Library, Philadelphia, Pa. *Phila. Pub.*
 Princeton University, Princeton, N. J. *Princeton.*
 Purdue University, Lafayette, Ind. *Purdue.*
 Rochester, University of, Rochester, N. Y. *Rochester.*
 Throop College, Pasadena, Cal. *Throop.*
 Stanford University, Stanford University, Cal. *Stanford.*
 Syracuse University, Syracuse, N. Y. *Syracuse.*
 Texas, University of, Austin, Texas. *Texas.*
 Vassar College, Poughkeepsie, N. Y. *Vassar.*
 Virginia, University of, University, Va. *Virginia.*
 Washington, University of, Seattle, Wash. *Wash.*
 Washington University, St. Louis, Mo. *Wash. (St. Louis).*
 Wesleyan University, Middletown, Conn. *Wesleyan.*
 Wisconsin, University of, Madison, Wis. *Wis.*
 Yale University, New Haven, Conn. (Includes library of Sheffield Scientific School
 and that of the Mathematics Seminar.) *Yale*
 Yerkes Observatory, Geneva Lake, Wis. *Yerkes.*

GEOGRAPHICAL DISTRIBUTION OF LIBRARIES.

[The catchword referring to the library is given in Italics.]

Albany, N. Y. *Dudley.*
 Ann Arbor, Mich. *Mich.*
 Annapolis, Md. *Naval Ac.*
 Austin, Texas. *Texas.*
 Baltimore, Md. *Johns Hopkins.*
 Berkeley, Cal. *Calif.*
 Bloomington, Ind. *Indiana.*
 Boston, Mass. *Boston Athen.* (See also Cambridge.)
 Brooklyn, N. Y. *Brooklyn Pub.*
 Bryn Mawr, Pa. *Bryn Mawr.*
 California. See Berkeley, Pasadena, Stanford University.
 Cambridge, Mass. *Harvard, Mass. Tech.*
 Champaign, Ill. See Urbana.
 Chicago, Ill. *Chicago, Crerar.*
 Cleveland, Ohio. *Adelbert, Case.*
 Columbia, Mo. *Mo.*
 Connecticut. See Middletown, New Haven.
 District of Columbia. See Washington, D. C.
 Evanston, Ill. *Northwestern.*
 Geneva Lake, Wis. *Yerkes.*
 Haverford, Pa. *Haverford.*
 Idaho. See Moscow.
 Illinois. See Chicago, Evanston, Urbana.
 Indiana. See Bloomington, Lafayette.
 Iowa. See Iowa City.
 Iowa City, Iowa. *Iowa.*
 Ithaca, N. Y. *Cornell.*
 Kansas. See Lawrence.

- Lafayette, Ind. *Purdue*.
 Lawrence, Kan. *Kansas*.
 Lincoln, Neb. *Neb.*
 Madison, Wis. *Wis.*
 Maryland. *See* Annapolis, Baltimore.
 Massachusetts. *See* Boston, Cambridge, Worcester.
 Michigan. *See* Ann Arbor.
 Middletown, Conn. *Wesleyan*.
 Minneapolis, Minn. *Minn.*
 Minnesota. *See* Minneapolis.
 Missouri. *See* Columbia, St. Louis.
 Moscow, Idaho. *Idaho*.
 Nebraska. *See* Lincoln.
 New Haven, Conn. *Yale*. (Includes Sheffield Sci. Sch. and the Math. Seminar.)
 New Jersey. *See* Princeton.
 New York City. *Am. Math. Soc., Columbia, N. Y. Pub.*
 New York (State). *See* Albany, Brooklyn, Ithaca, New York City, Poughkeepsie,
 Rochester, Syracuse.
 Ohio. *See* Cleveland.
 Palo Alto, Cal. *See* Stanford University.
 Pasadena, Cal. *Throop*.
 Pennsylvania. *See* Bryn Mawr, Haverford, Philadelphia.
 Philadelphia, Pa. *Am. Phil. Soc., Pa., Phila. Pub.*
 Poughkeepsie, N. Y. *Vassar*.
 Princeton, N. J. *Princeton*.
 Providence, R. I. *Brown*.
 Rhode Island. *See* Providence.
 Rochester, N. Y. *Rochester*.
 St. Louis, Mo. *Wash. (St. Louis.)*
 Seattle, Wash. *Wash.*
 Stanford University, Cal. *Stanford*.
 Syracuse, N. Y. *Syracuse*.
 Texas. *See* Austin.
 University, Va. *Virginia*.
 Urbana, Ill. *Ill.*
 Virginia. *See* University.
 Washington, D. C. *Bureau Standards, Catholic, Coast Geodetic, Congress*.
 Washington (State). *See* Seattle.
 Wisconsin. *See* Geneva Lake, Madison.
 Worcester, Mass. *Clark*.

I. MATHEMATICAL PERIODICALS.

(For a complete list with cross references, see the *Index*.)

- Acta Mathematica*.
American Journal of Mathematics.
American Mathematical Monthly.
Analyst.
Annali di Matematica Pura ed Applicata.
Annals of Mathematics.
Archivo de Matemáticas.
Bibliotheca Mathematica.
Bollettino di Bibliografia e Storia delle Scienze Matematiche. (*Loria*.)

- Bollettino di Matematica. (Conti.)
 Bulletin des Sciences Mathématiques. (Darboux.)
 Calcutta Mathematical Society. Bulletin.
 Cambridge and Dublin Mathematical Journal.
 Cambridge Mathematical Journal.
 Crelle's Journal für die Reine und Angewandte Mathematik.
 Deutsche Mathematiker-Vereinigung. Jahresbericht.
 ——— Jahresbericht, Ergänzungsbände.
 Edinburgh Mathematical Society. Proceedings.
 L'Éducation Mathématique.
 L'Enseignement Mathématique.
 Formulaire de Mathématique.
 Gazeta Matematica.
 Gentleman's Diary or Mathematical Repository.
 Gentleman's Mathematical Companion.
 Gergonne's Annales de Mathématiques Pures et Appliquées.
 Giornale di Matematiche. (Battaglini.)
 Göttingen. Mathematischer Verein. Berichte.
 Hamburg. Mathematische Gesellschaft. Mitteilungen.
 Indian Mathematical Society. Journal.
 L'Intermédiaire des Mathématiciens.
 Jahrbuch über die Fortschritte der Mathematik.
 Journal de Mathématiques Élémentaires. (Vuibert.)
 Kharkov Mathematical Society. Communications.
 Ladies' Diary.
 Lady's and Gentleman's Diary.
 Liouville's Journal de Mathématiques Pures et Appliquées.
 London Mathematical Society. Proceedings.
 Madras. See Indian Mathematical Society.
 Madrid. Sociedad Matemática Española. Revista.
 Magyar Tudományos Akademia. Ertekezések a Matematikai Osztály Köreiből.
 Le Matematiche Pure ed Applicate.
 Mathematical Gazette.
 Mathematical Magazine.
 Mathematical Miscellany.
 Mathematical Monthly. (Runkle.)
 Mathematical Questions and Solutions from the "Educational Times."
 Mathematical Repository. (Dodson, Leybourn.)
 Mathematiceskij Zistok.
 The Mathematician.
 The Mathematics Teacher.
 Mathematische Annalen.
 Mathesis.
 Messenger of Mathematics.
 Moscow Mathematical Society. Transactions. (Matematischeski Sbornik.)
 New York. American Mathematical Society. Bulletin.
 ——— Transactions.
 New York Mathematical Society. Bulletin.
 Nieuw Archief voor Wiskunde.
 Nouvelle Correspondance Mathématique.
 Nouvelles Annales de Mathématiques.
 Nyt Tidsskrift for Mathematik.
 Palermo. Circolo Matematico. Rendiconti.
 ——— Rendiconti, Supplemento.

Paris. Société Mathématique de France. Bulletin.

——— Comptes Rendus des Séances.

Periodico di Matematica.

——— Supplemento.

Philadelphia. University of Pennsylvania. Publications: Mathematics.
Il Pitagora.

El Progreso Matemático.

Quarterly Journal of Pure and Applied Mathematics.

Repertorium der literarischen Arbeiten aus dem Gebiete der Reinen und Ange-
wandten Mathematik.

Revista Trimestral di Matemáticas.

Revue de Mathématiques. (Rivista di Matematica.)

Revue de Mathématiques Spéciales.

Revue Semestrielle des Publications Mathématiques.

Sphinx-Cédipe.

Tôhoku Mathematical Journal.

Wiadomosci Matematyczne.

Wiskundige Opgaven met de Oplossingen.

Wiskundig Tijdschrift.

ACTA MATHEMATICA. *Stockholm.*

Vols. 1 (1882-83)—

Adelbert. Vols. 40—

Amer. Math. Soc. Vols. 1—

Amer. Phil. Soc. Vols. 1—

Brown. Vols. 1—

Bryn Mawr. Vols. 1—

Calif. Vols. 1—

Catholic. Vols. 1-25.

Chicago. Vols. 1—

Clark. Vols. 1—

Columbia. Vols. 1—

Congress. Vols. 1-7, 26, 37—

Cornell. Vols. 1—

Crerar. Vols. 1—

Harvard. Vols. 1—

Haverford. Vols. 1—

Ill. Vols. 1—

Indiana. Vols. 1—

Iowa. Vols. 1—

Johns Hopkins. Vols. 1—

Kansas. Vols. 1—

Mass. Tech. Vols. 19—

Mich. Vols. 1—

Minn. Vols. 1—

Mo. Vols. 1—

Naval Ac. Vols. 1—

Neb. Vols. 1—

N. Y. Pub. Vols. 1—

Northwestern. Vols. 1-32, 37—.

Pa. Vols. 1—

Princeton. Vols. 1—

Stanford. Vols. 1—

Syracuse. Vols. 1—

Texas. Vols. 1—

Vassar. Vols. 1-27.

Wash. Vols. 1-33, 35—

Wash. (St. Louis.) Vols. 1—

Wis. Vols. 1—

Yale. Vols. 1—

AMERICAN JOURNAL OF MATHEMATICS. *Baltimore.*

Vols. 1 (1878)—

Adelbert. Vols. 3—

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Amer. Phil. Soc. Vols. 1—

Boston Athen. Vol. 2.

Brown. Vols. 1—

Bryn Mawr. Vols. 1—

Calif. Vols. 1—

Catholic. Vols. 12-24, 32—

Chicago. Vols. 1—

Clark. Vols. 1—

Coast Geodetic. Vols. 1—

Columbia. Vols. 1—

Congress. Vols. 1—

Cornell. Vols. 1—

Crerar. Vols. 1-17, 19—

Dudley. Vols. 36—

Harvard. Vols. 1—
 Haverford. Vols. 1—
 Ill. Vols. 1—
 Indiana. Vols. 1
 Iowa. Vols. 1—
 Johns Hopkins. Vols. 1—
 Kansas. Vols. 1
 Mass. Tech. Vols. 2—
 Mich. Vols. 1—
 Minn. Vols. 1—
 Mo. Vols. 7—
 Naval Ac. Vols. 1—
 Neb. Vols. 1—
 N. Y. Pub. Vols. 1—
 Northwestern. Vols. 1—

Pa. Vols. 1—
 Phila. Pub. Vols. 18, 20—
 Princeton. Vols. 1—
 Purdue. Vols. 1—
 Rochester. Vols. 1—
 Stanford. Vols. 1—
 Syracuse. Vols. 1—
 Texas. Vols. 1—
 Vassar. Vols. 1—
 Virginia. Vols. 1—
 Wash. Vols. 1—
 Wash. (St. Louis.) Vols. 1—
 Wis. Vols. 1—
 Yale. Vols. 1—
 Yerkes. Vols. 17—

AMERICAN MATHEMATICAL MONTHLY. *Chicago.*

Vols. 1 (1894)—

Adelbert. Vols. 20—
 Amer. Math. Soc. Vols. 1—
 Brown. Vols. 23—
 Calif. Vols. 1-10, 12—
 Case. Vols. 20—
 Chicago. Vols. 1—
 Clark. Vols. 1—
 Columbia. Vols. 1—
 Congress. Vols. 1, 3, 8—
 Cornell. Vols. 6—
 Crerar. Vols. 1—
 Harvard. Vols. 1, 7—
 Haverford. Vols. 24—
 Ill. Vols. 1—
 Indiana. Vols. 1—
 Iowa. Vols. 1—
 Johns Hopkins. Vols. 20—
 Kansas. Vols. 1—
 Mass. Tech. Vols. 20—
 Mich. Vols. 1—

Minn. Vols. 20—
 Mo. Vols. 20—
 Neb. Vols. 10—
 N. Y. Pub. Vols. 9—
 Northwestern. Vols. 20—
 Pa. Vols. 1—
 Phila. Pub. Vol. 9.
 Princeton. Vols. 8—
 Purdue. Vols. 1-8, 11—
 Rochester. Vols. 1—
 Stanford. Vols. 16—
 Texas. Vols. 6-11, 21—
 Vassar. Vols. 21—
 Virginia. Vols. 17—
 Wash. Vols. 8—
 Wash. (St. Louis.) Vols. 20—
 Wesleyan. Vols. 15—
 Wis. Vols. 1—
 Yale. Vols. 11, 16—

ANALYST. *Des Moines.*

Vols. 1-10 (1874-1883).

Amer. Math. Soc. Vols. 1-10.
 Brown. Vols. 1-10.
 Chicago. Vols. 1-10.
 Columbia. Vols. 1-10.
 Congress. Vols. 1-10.
 Cornell. Vols. 1-10.
 Crerar. Vols. 1-10.
 Harvard. Vols. 1-10.
 Ill. Vols. 1-10.
 Indiana. Vols. 1-10.
 Iowa. Vols. 1-4, 7-10.
 Johns Hopkins. Vols. 1-10.

Mich. Vols. 1-10.
 Minn. Vols. 1-10.
 Naval Ac. Vols. 1-10.
 Neb. Vols. 1-10.
 N. Y. Pub. Vols. 1-10.
 Pa. Vols. 1-10.
 Princeton. Vols. 1-10.
 Purdue. Vols. 1-10.
 Vassar. Vols. 6-7.
 Wis. Vols. 1-10.
 Yale. Vols. 1-10.

ANNALI DI MATEMATICA PURA ED APPLICATA. *Milano (Milan) and Roma (Rome).*

Ser. 1, Vols. 1-7 (1858-1865); Ser. 2, Vols. 1-26 (1867-1897); Ser. 3, Vol. 1 (1898)—

Adelbert. Ser. 3, Vols. 25—	Indiana. Ser. 3, Vols. 17—
Amer. Math. Soc. Ser. 2, Vols. 3, 9; Ser. 3, Vols. 1—	Johns Hopkins. Ser. 1-2; Ser. 3, Vols. 1—
Brown. Ser. 3, Vols. 21—	Kansas. Ser. 3, Vols. 1—
Bryn Mawr. Ser. 1-2; Ser. 3, Vols. 1—	Mich. Ser. 1-2; Ser. 3, Vols. 1—
Calif. Ser. 1-2; Ser. 3, Vols. 1—	Mo. Ser. 1; Ser. 3, Vols. 1—
Chicago. Ser. 1-2; Ser. 3, Vols. 1—	N. Y. Pub. Ser. 1-2; Ser. 3, Vols. 1—
Clark. Ser. 2, Vols. 17-26; Ser. 3, Vols. 1—	Northwestern. Ser. 2, Vols. 2-23; Ser. 3, Vols. 1—
Columbia. Ser. 1-2; Ser. 3, Vols. 1—	Pa. Ser. 1-2; Ser. 3, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 20-23; Ser. 3, Vol. 1.	Princeton. Ser. 1-2; Ser. 3, Vols. 1—
Cornell. Ser. 1-2; Ser. 3, Vols. 1—	Stanford. Ser. 3, Vols. 6—
Crerar. Ser. 1-2; Ser. 3, Vols. 1—	Wash. (St. Louis.) Ser. 3, Vols. 16—
Harvard. Ser. 1-2; Ser. 3, Vols. 1—	Wis. Ser. 1-2; Ser. 3, Vols. 1—
Ill. Ser. 1; Ser. 2, Vols. 1-23, 26; Ser. 3, Vols. 1—	Yale. Ser. 1-2; Ser. 3, Vols. 1—

ANNALS OF MATHEMATICS. *Princeton.*

Ser. 1, Vols. 1-12 (1884-1899); Ser. 2, Vols. 1 (1899-1900)—

Adelbert. Ser. 1; Ser. 2, Vol. 1, 3—	Kansas. Ser. 1; Ser. 2, Vols. 1—
Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1—	Mass. Tech. Ser. 1, Vols. 1-4, 6-12; Ser. 2, Vols. 1—
Brown. Ser. 1; Ser. 2, Vols. 1—	Mich. Ser. 1; Ser. 2, Vols. 1—
Calif. Ser. 1, Vols. 6-12; Ser. 2, Vols. 1—	Minn. Ser. 1; Ser. 2, Vols. 1—
Catholic. Ser. 1, Vols. 9-12; Ser. 2, Vols. 1-2.	Mo. Ser. 1; Ser. 2, Vols. 1—
Chicago. Ser. 1; Ser. 2, Vols. 1—	Naval Ac. Ser. 1; Ser. 2, Vols. 1—
Clark. Ser. 1; Ser. 2, Vols. 1—	Neb. Ser. 1; Ser. 2, Vols. 1—
Coast Geodetic. Ser. 1; Ser. 2, Vols. 1—	Northwestern. Ser. 2, Vols. 1—
Columbia. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 1; Ser. 2, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1—	Princeton. Ser. 1; Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—	Purdue. Ser. 2, Vols. 1—
Crerar. Ser. 1; Ser. 2, Vols. 1, 3—	Rochester. Ser. 1; Ser. 2, Vols. 1—
Harvard. Ser. 1; Ser. 2, Vols. 2—	Throop. Ser. 2, Vols. 12—
Haverford. Ser. 1; Ser. 2, Vols. 1—	Vassar. Ser. 1, Vols. 9-12; Ser. 2, Vols. 1—
Idaho. Ser. 2, Vols. 16—	Virginia. Ser. 1; Ser. 2, Vols. 1—
Ill. Ser. 1; Ser. 2, Vols. 1—	Wash. (St. Louis.) Ser. 2, Vols. 11—
Indiana. Ser. 1; Ser. 2, Vols. 1—	Wis. Ser. 1, Vols. 1-4, 6-12; Ser. 2, Vols. 1—
Iowa. Ser. 1, Vols. 1-6, 9-12; Ser. 2, Vols. 1—	Yale. Ser. 1; Ser. 2, Vols. 1—
Johns Hopkins. Ser. 2, Vols. 9—	

ARCHIVO DE MATEMÁTICAS. *Valencia and Madrid.*

Vols. 1-2 (1896-1897).

Amer. Math. Soc. Vols. 1-2.

| Johns Hopkins. Vols. 1-2.

BIBLIOTHECA MATHEMATICA. *Leipzig and Stockholm.*

- Ser. 1, Vols. 1-3 (1884-1886); Ser. 2, Vols. 1-13 (1887-1899); Ser. 3, Vols. 1 (1900)—
- | | |
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| Amer. Math. Soc. Ser. 1, Vol. 3; Ser. 2; Ser. 3, Vols. 1— | Kansas. Ser. 1-2; Ser. 3, Vols. 1— |
| Brown. Ser. 3, Vols. 12— | Mass. Tech. Ser. 1-2; Ser. 3, Vols. 1— |
| Bryn Mawr. Ser. 1, Vol. 3; Ser. 2; Ser. 3, Vols. 1— | Mich. Ser. 1-2; Ser. 3, Vols. 1— |
| Calif. Ser. 1-2; Ser. 3, Vols. 1— | Minn. Ser. 1-2; Ser. 3, Vols. 1— |
| Chicago. Ser. 1-2; Ser. 3, Vols. 1— | N. Y. Pub. Ser. 1-2; Ser. 3, Vols. 1— |
| Clark. Ser. 1-2; Ser. 3, Vols. 1— | Pa. Ser. 1; Ser. 2, Vols. 4-13; Ser. 3, Vols. 1— |
| Columbia. Ser. 1-2; Ser. 3, Vols. 1— | Princeton. Ser. 1; Ser. 2, Vols. 2-13; Ser. 3, Vols. 1— |
| Congress. Ser. 1-2; Ser. 3, Vols. 1— | Stanford. Ser. 3, Vols. 1— |
| Cornell. Ser. 1, Vol. 1; Ser. 2; Ser. 3, Vols. 1— | Texas. Ser. 2, Vols. 5-13; Ser. 3, Vols. 1-4. |
| Crerar. Ser. 1-2; Ser. 3, Vols. 1— | Vassar. Ser. 1-2; Ser. 3, Vols. 1-4. |
| Harvard. Ser. 1-2; Ser. 3, Vols. 1— | Wash. Ser. 3, Vols. 1— |
| Ill. Ser. 2; Ser. 3, Vols. 1— | Wis. Ser. 1-2; Ser. 3, Vols. 1— |
| Indiana. Ser. 3, Vols. 10— | Yale. Ser. 1-2; Ser. 3, Vols. 1— |
| Johns Hopkins. Ser. 2; Ser. 3, Vols. 1— | |

BOLLETTINO DI BIBLIOGRAFIA E STORIA DELLE SCIENZE MATEMATICHE. *Torino (Turin).* (Loria.)

Vols. 1 (1898)—

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|---------------------------|---------------------|
| Amer. Math. Soc. Vols. 1— | Crerar. Vols. 1— |
| Bryn Mawr. Vols. 1— | Ill. Vols. 12— |
| Chicago. Vols. 1— | N. Y. Pub. Vols. 4— |
| Congress. Vols. 1-6, 8— | Wis. Vols. 18— |

BOLLETTINO DI MATEMATICA. *Roma (Rome).* (Conti.)

Vols. 1 (1902)—

- | | |
|----------------------------------|---------------------|
| Amer. Math. Soc. Vols. 1-11, 13— | N. Y. Pub. Vols. 1— |
| Crerar. Vols. 1-8. | |

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Ser. 1, Vols. 1-11 (1870-1876); Ser. 2, Vols. 1 (1877)—Ser. 1 and Ser. 2, Vols. 1-2, called Bulletin des Sciences Mathématiques et Astronomiques.

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|---|---|
| Adelbert. Ser. 2, Vols. 40— | Haverford. Ser. 1; Ser. 2, Vols. 1— |
| Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1-2, 27— | Ill. Ser. 1; Ser. 2, Vols. 1— |
| Brown. Ser. 1; Ser. 2, Vols. 1— | Indiana. Ser. 1; Ser. 2, Vols. 1— |
| Bryn Mawr. Ser. 1; Ser. 2, Vols. 1— | Johns Hopkins. Ser. 1; Ser. 2, Vols. 1— |
| Calif. Ser. 1; Ser. 2, Vols. 1— | Kansas. Ser. 1; Ser. 2, Vols. 1— |
| Catholic. Ser. 1, Vols. 1-6, 8-11; Ser. 2, Vols. 1-22, 24-25. | Mich. Ser. 1; Ser. 2, Vols. 1— |
| Congress. Ser. 1, Vols. 1-9; Ser. 2, Vols. 1-37, 39— | Minn. Ser. 1; Ser. 2, Vols. 33— |
| Cornell. Ser. 1; Ser. 2, Vols. 1— | Mo. Ser. 1; Ser. 2, Vols. 1— |
| Crerar. Ser. 1; Ser. 2, Vols. 1— | Naval Ac. Ser. 1; Ser. 2, Vols. 1-29. |
| Harvard. Ser. 1; Ser. 2, Vols. 1— | N. Y. Pub. Ser. 1; Ser. 2, Vols. 1— |
| | Pa. Ser. 1; Ser. 2, Vols. 1-21, 23— |
| | Princeton. Ser. 1; Ser. 2, Vols. 1— |
| | Stanford. Ser. 1; Ser. 2, Vols. 1— |
| | Wash. (St. Louis.) Ser. 1; Ser. 2, Vols. 1— |
| | Wis. Ser. 1; Ser. 2, Vols. 1— |
| | Yale. Ser. 1; Ser. 2, Vols. 1— |

CALCUTTA MATHEMATICAL SOCIETY.

Bulletin. Vols. 1 (1909-1913)—

Amer. Math. Soc. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—

Ill. Vols. 1—
 N. Y. Pub. Vols. 1—

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Vols. 1-9 (1846-1854), (also called Vols. 5-13 of Cambridge Mathematical Journal).

Amer. Math. Soc. Vols. 1-9.
 Bryn Mawr. Vols. 1-9.
 Calif. Vols. 1-9.
 Chicago. Vols. 1-9.
 Columbia. Vols. 1-9.
 Cornell. Vols. 1-9.
 Crerar. Vols. 1-9.
 Harvard. Vols. 2-9.
 Ill. Vols. 1-9.
 Indiana. Vols. 1-9.
 Mich. Vols. 1-9.
 Minn. Vols. 1-9.

Naval Ac. Vols. 1-9.
 N. Y. Pub. Vols. 1-9.
 Pa. Vols. 1-9.
 Princeton. Vols. 1-9.
 Stanford. Vols. 1-9.
 Vassar. Vols. 1-9.
 Virginia. Vols. 1-9.
 Wash. Vols. 1-9.
 Wash. (St. Louis.) Vols. 1-9.
 Wis. Vols. 1-9.
 Yale. Vols. 1-9.

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Vols. 1-4 (1837-1845).

Calif. Vols. 1-4.
 Columbia. Vols. 1-4.
 Congress. Vols. 1-4.
 Crerar. Vols. 1-4.
 Harvard. Vols. 1-4.
 Ill. Vols. 1-4.
 Indiana. Vols. 1-4.

Minn. Vols. 1-4.
 Naval Ac. Vols. 1-4.
 N. Y. Pub. Vols. 1-4.
 Stanford. Vols. 1-4.
 Virginia. Vols. 2-4.
 Wis. Vols. 1-4.
 Yale. Vols. 1-4.

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Vols. 1 (1826)—

Adelbert. Vols. 1-126, 128-129, 132-133.
 Amer. Math. Soc. Vols. 1-13, 20—
 Amer. Phil. Soc. Vols. 1-5.
 Brown. Vols. 1—
 Bryn Mawr. Vols. 1—
 Bureau Standards. Vols. 1, 3, 5-26, 29,
 31-34, 36-43, 45-47, 49-51, 53-61, 63-74,
 76-87, 89-107.
 Calif. Vols. 1—
 Catholic. Vols. 54—
 Chicago. Vols. 1—
 Clark. Vols. 1—
 Columbia. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Haverford. Vols. 1-2, 6, 24—
 Ill. Vols. 1—
 Indiana. Vols. 1—
 Iowa. Vols. 1—
 Johns Hopkins. Vols. 1—

Kansas. Vols. 49—
 Mass. Tech. Vols. 58-59, 98-111, 113-114,
 116—
 Mich. Vols. 1—
 Minn. Vols. 1—
 Missouri. Vols. 56—
 Naval Ac. Vols. 1—
 Neb. Vols. 1—
 N. Y. Pub. Vols. 1—
 Northwestern. Vols. 1—
 Pa. Vols. 1—
 Princeton. Vols. 1—
 Stanford. Vols. 1—
 Syracuse. Vols. 1—
 Vassar. Vols. 1-141.
 Wash. Vols. 1—
 Wash. (St. Louis.) Vols. 1—
 Wesleyan. Vols. 1—
 Wis. Vols. 1—
 Yale. Vols. 1—

DEUTSCHE MATHEMATIKER-VEREINIGUNG. *Leipzig.*

Jahresbericht. Vols. 1 (1890-1891)—

Adelbert. Vols. 11-22, 24—	Mass. Tech. Vols. 3, 15—
Amer. Math. Soc. Vols. 1—	Mich. Vols. 1—
Brown. Vols. 11—	Minn. Vols. 1—
Bryn Mawr. Vols. 1—	Mo. Vols. 1—
Calif. Vols. 1—	Neb. Vols. 1—
Chicago. Vols. 19—	N. Y. Pub. Vols. 1—
Clark. Vols. 1—	Northwestern. Vols. 15—
Columbia. Vols. 1-9, 11-20, 22—	Pa. Vols. 1—
Congress. Vols. 1-7, 9-18.	Princeton. Vols.—
Cornell. Vols. 1-9, 11—	Rochester. Vols. 1—
Crerar. Vols. 1—	Stanford. Vols. 1—
Harvard. Vols. 1—	Texas. Vols. 1—
Haverford. Vols. 1—	Wash. Vols. 1—
Ill. Vols. 1—	Wash. (St. Louis.) Vols. 1-17, 20—
Indiana. Vols. 1—	Wesleyan. Vols. 1—
Johns Hopkins. Vols. 1—	Wis. Vols. 1—
Kansas. Vols. 1—	Yale. Vols. 1—

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Amer. Math. Soc. Vols. 2, 4 (part 1).	Mich. Vols. 1, 2, 4—
Bryn Mawr. Vols. 1—	Minn. Vols. 1-2, 5—
Calif. Vols. 1—	Mo. Vols. 4—
Chicago. Vols. 1—	N. Y. Pub. Vol. 3.
Clark. Vols. 1-2, 5—	Northwestern. Vols. 1-3, 5—
Columbia. Vols. 1—	Pa. Vols. 1—
Congress. Vols. 5—	Princeton. Vols. 1-2.
Cornell. Vols. 1—	Stanford. Vols. 1-2.
Crerar. Vols. 1—	Wash. Vols. 1-2.
Harvard. Vols. 1—	Wash. (St. Louis.) Vols. 1—
Haverford. Vols. 1—	Wesleyan. Vols. 1—
Ill. Vols. 1—	Wis. Vols. 1—
Johns Hopkins. Vols. 1, 5.	Yale. Vols. 1—
Kansas. Vols. 4—	

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Proceedings. Vols. 1 (1883)— (Vol. 1 was printed in 1894, Vol. 2 in 1884.)

Amer. Math. Soc. Vols. 1, 11—	Indiana. Vols. 1—
Amer. Phil. Soc. Vols. 15—	Johns Hopkins. Vols. 1—
Calif. Vols. 1—	Kansas. Vols. 1—
Chicago. Vols. 13—	Minn. Vols. 1—
Clark. Vols. 1—	N. Y. Pub. Vols. 1—
Congress. Vols. 1-23, 30—	Pa. Vols. 1, 3-6, 8, 9, 11-18, 20—
Crerar. Vols. 16—	Princeton. Vols. 1—
Harvard. Vols. 1—	Stanford. Vols. 1-6, 8—
Idaho. Vols. 35—	Texas. Vols. 1-31.
Ill. Vols. 1—	Wis. Vols. 1—

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Vols. 1-16 (1898-1914).

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Brown. Vols. 1-16.
Chicago. Vols. 4-9.

Harvard. Vols. 1-4.
Ill. Vols. 1-16.
Indiana. Vols. 13-16.

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Vols. 1 (1899)—

Adelbert. Vols. 18—
Amer. Math. Soc. Vols. 1—
Brown. Vols. 1—
Case. Vols. 18—
Chicago. Vols. 1—
Columbia. Vols. 1—
Congress. Vols. 1-6, 8—
Cornell. Vols. 1—
Crerar. Vols. 1—
Harvard. Vols. 1—
Ill. Vols. 1—
Indiana. Vols. 1—
Iowa. Vols. 16—
Johns Hopkins, Vols. 6—
Kansas. Vols. 1—

Mass. Tech. Vols. 11—
Mich. Vols. 1—
Minn. Vols. 1—
Mo. Vols. 8—
Neb. Vols. 1—
Princeton. Vols. 2—
Purdue. Vols. 5—
Stanford. Vols. 1—
Syracuse. Vols. 1—
Texas. Vols. 1—
Wash. Vols. 8—
Wash. (St. Louis.) Vols. 15—
Wis. Vols. 1—
Yale. Vols. 1—

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Brown. Vols. 1-3.
Catholic. Vols. 2-3.
Columbia. Vols. 1-5.
Congress. Vols. 1, 3.
Cornell. Vol. 1.
Crerar. Vols. 1-5.
Harvard. Vols. 1-5.

Ill. Vols. 1-5.
Johns Hopkins. Vols. 1-4.
Mich. Vols. 1-5.
N. Y. Pub. Vols. 2-5.
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Wis. Vols. 1-5.
Yale. Vols. 1-5.

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Brown. Vols. 85-86.
Columbia. Vols. 8, 95. Vols. 1-60,
Davis's edition.
Congress. Vols. 1-9, 11-49, 55, 58, 61-
64, 66-67, 69-70, 72-78, 80, 84-87,
97-100.

Harvard. Vols. 4-5, 19-28, 50-51, 53,
55-59, 94-100.
Yale. Vols. 26, 28-37, 54-100. Vols. 1-53,
Davis's edition.

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Vols. 1-5, Nos. 1-30 (1798-1827).

Amer. Math. Soc. Nos. 1-30.
 Cornell. Nos. 1-30.
 Harvard. Nos. 13-28.
 Haverford. Nos. 1-6, 14-19.

Ill. Nos. 1-30.
 Pa. Nos. 1-30.
 Yale. Nos. 1-29.

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Vols. 1-22 (1810-1832).

Amer. Math. Soc. Vols. 1-22.
 Columbia. Vols. 1-22.
 Cornell. Vols. 1-22.
 Crerar. Vols. 1-22.
 Harvard. Vols. 1-21.

Ill. Vols. 1-22.
 Naval Ac. Vols. 1-21.
 N. Y. Pub. Vols. 1-21.
 Yale. Vols. 1-22.

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Vols. 1 (1863)—

Adelbert, Vols. 53—
 Amer. Math. Soc. Vols. 1-3.
 Boston Athen. Vols. 1-9.
 Brown. Vols. 52—
 Bryn Mawr. Vols. 33—
 Calif. Vols. 1—
 Catholic. Vols. 33-38.
 Chicago. Vols. 1—
 Columbia. Vols. 1—
 Congress. Vols. 1-38.
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Ill. Vols. 1—

Indiana. Vols. 1—
 Johns Hopkins. Vols. 1—
 Mich. Vols. 1—
 Mo. Vols. 1—
 N. Y. Pub. Vols. 1—
 Pa. Vols. 1—
 Princeton. Vols. 1—
 Stanford. Vols. 1—
 Syracuse. Vols. 1—
 Texas. Vols. 1-46, 48—
 Wash. (St. Louis.) Vols. 48—
 Wis. Vols. 1—
 Yale. Vols. 1—

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Amer. Math. Soc. Vols. 65-79.

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Amer. Math. Soc. Vols. 2—
 Chicago, Vols. 1—
 Clark. Vols. 2—
 Columbia. Vols. 1—
 Congress. Vol. 4.
 Crerar. Vols. 2—
 Harvard. Vols. 3—

Ill. Vols. 1—
 Johns Hopkins. Vols. 1-2.
 Kansas. Vol. 3, 5—
 N. Y. Pub. Vols. 1—
 Stanford. Vols. 1—
 Yale. Vols. 1-2.

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Amer. Math. Soc. Vols. 1—		Princeton. Vols. 1—
Brown. Vols. 1—		

L'INTERMÉDIAIRE DES MATHÉMATIENS. *Paris.*

Vols. 1 (1894)—

Amer. Math. Soc. Vols. 1—		Indiana. Vols. 18—
Brown. Vols. 24—		Johns Hopkins. Vols. 1-12, 14-17, 19—
Calif. Vols. 1—		Kansas. Vols. 5-6, 9—
Catholic. Vols. 1-7.		Mich. Vols. 1-5.
Chicago. Vols. 1—		Neb. Vols. 1—
Columbia. Vols. 1—		N. Y. Pub. Vols. 1—
Congress. Vols. 1-7, 9-12, 14—		Northwestern. Vols. 13—
Cornell. Vols. 1—		Princeton. Vols. 1—
Crerar. Vols. 1—		Purdue. Vols. 15—
Harvard. Vols. 1—		Stanford. Vols. 1—
Ill. Vols. 1—		Vassar. Vols. 1-10.

JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK. *Berlin.*

Vols. 1 (Jahrgang 1869, published 1871)—

Adelbert. Vols. 1—		Minn. Vols. 1—
Amer. Math. Soc. Vols. 1—		Mo. Vols. 1—
Brown. Vols. 38—		Naval Ac. Vols. 1-13, 15—
Bryn Mawr. Vols. 1—		Neb. Vols. 1—
Calif. Vols. 1—		N. Y. Pub. Vols. 1—
Catholic. Vols. 24-29, 38—		Northwestern. Vols. 1—
Chicago. Vols. 1—		Pa. Vols. 1—
Columbia. Vols. 1—		Princeton. Vols. 1—
Congress. Vols. 1-33, 35—		Purdue. Vols. 1—
Cornell. Vols. 1—		Stanford. Vols. 1—
Crerar. Vols. 1—		Syracuse. Vols. 1—
Harvard. Vols. 1—		Texas. Vols. 20-27.
Haverford. Vols. 1—		Vassar. Vols. 1—
Ill. Vols. 1—		Virginia. Vols. 33—
Indiana. Vols. 1—		Wash. Vols. 31—
Johns Hopkins. Vols. 1—		Wesleyan. Vols. 1—
Kansas. Vols. 1—		Wis. Vols. 1—
Mass. Tech. Vols. 27—		Yale. Vols. 1—
Mich. Vols. 1—		

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Vols. 1 (1877)—

Amer. Math. Soc. Vols. 8-21.		Mich. Vols. 1-26.
Calif. Vols. 5-12.		N. Y. Pub. Vols. 21-25.
Chicago. Vols. 3-6, 19-26.		Princeton. Vols. 36-37.
Crerar. Vols. 21—		Stanford. Vols. 10-13.
Harvard. Vols. 1—		Texas. Vols. 1—
Ill. Vols. 22—		

KHARKOV MATHEMATICAL SOCIETY.

Communications. Ser. 1, 1879-1887; Ser. 2, Vols. 1 (1889)—

Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1— | Harvard. Ser. 2, Vols. 6—

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Vols. 1-137 (1704-1840). 1704-1773 reprinted in 1775. Succeeded by Lady's and Gentleman's Diary.

Amer. Math. Soc. Vols. 113-132, 134-137.	Congress. Vols. 3, 6, 8-9, 12, 15-86, 92,
Amer. Phil. Soc. Vols. 3-12, 14-22,	95, 98-101, 103-104, 106-107, 109-115,
25-33, 35-49.	117, 121-124, 134-137.
Boston Athen. Vols. 34, 37-46.	Harvard. Vols. 128-130, 132-137.
Brown. Vols. 122-124, 126.	Yale. Vols. 5-47, 53-137.

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Vols. 138-167 (1841-1871). Successor to Ladies' Diary and Gentleman's Diary; volumes numbered in continuation of Ladies' Diary.

Amer. Math. Soc. Vols. 144, 147-151.	Harvard. Vols. 138, 140-154, 156-166.
Brown. Vols. 138-142, 146-149.	Yale. Vols. 138-167.
Congress. Vols. 138-147.	

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Ser. 1, Vols. 1-20 (1836-1855); Ser. 2, Vols. 1-19 (1856-1874); Ser. 3, Vols. 1-10 (1875-1884); Ser. 4, Vols. 1-10 (1885-1894); Ser. 5, Vols. 1-10 (1895-1904); Ser. 6, Vols. 1-10 (1905-1914); Ser. 7, Vols. 1 (1915)—

Adelbert. Ser. 7, Vols. 1—	Mass. Tech. Ser. 2, Vols. 4-5; Ser. 4'
Amer. Math. Soc. Ser. 3, Vol. 6; Ser. 5,	Vol. 10; Ser. 5-6; Ser. 7, Vols. 1—
Vols. 1-6, 8-10; Ser. 6; Ser. 7, Vols. 1—	Mich. Ser. 1-6; Ser. 7, Vols. 1—
Boston Athen. Ser. 1, Vol. 7.	Minn. Ser. 1-6; Ser. 7, Vols. 1—
Brown. Ser. 1-6; Ser. 7, Vols. 1—	Mo. Ser. 1, Vols. 1, 5-20; Ser. 2-6; Ser.
Bryn Mawr. Ser. 1-6; Ser. 7, Vols. 1—	7, Vols. 1—
Bureau Standards. Ser. 6, Vols. 2-6.	Naval Ac. Ser. 1-2; Ser. 3, Vols. 1-6.
Calif. Ser. 1-6; Ser. 7, Vols. 1—	Neb. Ser. 5, Vols. 4-10; Ser. 6; Ser. 7,
Catholic. Ser. 5, Vols. 1-6.	Vols. 1—
Chicago. Ser. 1-6; Ser. 7, Vols. 1—	N. Y. Pub. Ser. 1-6; Ser. 7, Vols. 1—
Clark. Ser. 1-6; Ser. 7, Vols. 1—	Northwestern. Ser. 1-6; Ser. 7, Vols. 1—
Coast Geodetic. Ser. 1-4; Ser. 5, Vols.	Pa. Ser. 1-6; Ser. 7, Vols. 1—
1-5; Ser. 6, Vols. 7-8.	Princeton. Ser. 1-6; Ser. 7, Vols. 1—
Columbia. Ser. 1-6; Ser. 7, Vols. 1—	Rochester. Ser. 2, Vols. 12-17; Ser. 5,
Congress. Ser. 1, Vols. 1-19; Ser. 5,	Vols. 5-10; Ser. 6; Ser. 7, Vols. 1—
Vols. 8-10; Ser. 6; Ser. 7, Vols. 1—	Stanford. Ser. 1-6; Ser. 7, Vols. 1—
Cornell. Ser. 1-6; Ser. 7, Vols. 1—	Syracuse. Ser. 1-6; Ser. 7, Vols. 1—
Crerar. Ser. 1-6; Ser. 7, Vols. 1—	Texas. Ser. 1-6; Ser. 7, Vols. 1—
Harvard. Ser. 1-6; Ser. 7, Vols. 1—	Vassar. Ser. 1-6; Ser. 7, Vols. 1—
Haverford. Ser. 1; Ser. 2, Vols. 1-8;	Virginia. Ser. 1.
Ser. 3-6; Ser. 7, Vols. 1—	Wash. Ser. 1-6; Ser. 7, Vols. 1—
Ill. Ser. 1-6; Ser. 7, Vols. 1—	Wash. (St. Louis.) Ser. 6, Vols. 6-10;
Indiana. Ser. 1-6; Ser. 7, Vols. 1—	Ser. 7, Vols. 1—
Iowa. Ser. 1-6; Ser. 7, Vols. 1—	Wesleyan. Ser. 1-6; Ser. 7, Vols. 1—
Johns Hopkins. Ser. 1-6; Ser. 7, Vols.	Wis. Ser. 1-6; Ser. 7, Vols. 1—
1—	Yale. Ser. 1-6; Ser. 7, Vols. 1—
Kansas. Ser. 2, Vols. 1-12; Ser. 3-6;	
Ser. 7, Vols. 1—	

LONDON MATHEMATICAL SOCIETY.

Proceedings. Ser. 1, Vols. 1-35 (1865-1903); Ser. 2, Vols. 1 (1903-1904)—

Adelbert. Ser. 2, Vols. 15—	Indiana. Ser. 1; Ser. 2, Vols. 1—
Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1—	Iowa. Ser. 1; Ser. 2, Vols. 1—
Amer. Phil. Soc. Ser. 1, Vols. 28-35; Ser. 2, Vols. 1—	Johns Hopkins. Ser. 1; Ser. 2, Vols. 1—
Brown. Ser. 1; Ser. 2, Vols. 1—	Kansas. Ser. 1; Ser. 2, Vols. 1—
Bryn Mawr. Ser. 1, Vols. 17-35; Ser. 2, Vols. 1—	Mass. Tech. Ser. 1, Vol. 24.
Calif. Ser. 1; Ser. 2, Vols. 1—	Mich. Ser. 1; Ser. 2, Vols. 1—
Chicago. Ser. 1; Ser. 2, Vols. 1—	Minn. Ser. 1; Ser. 2, Vols. 1—
Columbia. Ser. 1; Ser. 2, Vols. 1—	Mo. Ser. 2, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1—	Neb. Ser. 1; Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—	N. Y. Pub. Ser. 1; Ser. 2, Vols. 1—
Creerar. Ser. 1; Ser. 2, Vols. 1—	Northwestern. Ser. 2, Vols. 4—
Harvard. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 1; Ser. 2, Vols. 1—
Haverford. Ser. 1, Vols. 10-11; Ser. 2, Vols. 1—	Princeton. Ser. 1; Ser. 2, Vols. 1—
Idaho. Ser. 2, Vols. 16—	Stanford. Ser. 1; Ser. 2, Vols. 1—
Ill. Ser. 1; Ser. 2, Vols. 1—	Vassar. Ser. 1; Ser. 2, Vols. 1-6, 8—
	Wesleyan. Ser. 2, Vols. 1—
	Wis. Ser. 1; Ser. 2, Vols. 1—
	Yale. Ser. 1; Ser. 2, Vols. 1—

MADRID. SOCIEDAD MATEMÁTICA ESPAÑOLA.

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Amer. Math. Soc. Vols. 1-2, 4—	Ill. Vols. 1—
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Columbia. Vols. 1-2.	Kansas. Vols. 1-2.

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Nos. 1-6 (1894-1895); Vols. 1 (1896-1900)—

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Brown. Vols. 9—	Mass. Tech. Vols. 1—
Chicago. Vols. 1—	Minn. Nos. 1-6, Vols. 1—
Clark. Vols. 1—	Mo. Vols. 6—
Columbia. Vols. 1—	Princeton. Vols. 7—
Creerar. Nos. 1-6, Vols. 1—	Stanford. Vols. 1—
Harvard. Vols. 1—	Texas. Vols. 1—
Ill. Nos. 1-6, Vols. 1—	Wis. Vols. 1—
Indiana. Vols. 1—	

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Vols. 1-2 (1882-1910). (Vol. 2, No. 12 has 2 parts, issued in 1904 and 1910.)

Amer. Math. Soc. Vol. 2, Nos. 1-12, part 1.	Harvard. Vol. 1; Vol. 2, Nos. 1-11.
Brown. Vol. 1.	Ill. Vols. 1-2.
Chicago. Vol. 2, No. 12, part 2.	Indiana. Vol. 1.
Coast Geodetic. Vol. 1; Vol. 2, Nos. 1-10.	N. Y. Pub. Vol. 1.
Columbia. Vol. 1; Vol. 2, Nos. 1-12, part 1.	Pa. Vol. 1.
Congress. Vol. 1; Vol. 2, Nos. 1-11.	Rochester. Vol. 1; Vol. 2, Nos. 1-12, part 1.
Cornell. Vols. 1-2.	Wis. Vol. 1, Nos. 1-10.
Crerar. Vol. 1; Vol. 2, Nos. 1-8.	Yale. Vol. 1, Nos. 1-11.

MATHEMATICAL MISCELLANY. *New York.*

Vols. 1-2 (1836-1839).

Brown. Vols. 1-2.	N. Y. Pub. Vols. 1-2.
Columbia. Vol. 1.	Pa. Vols. 1-2.
Harvard. Vol. 1.	Yale. Vols. 1-2.

MATHEMATICAL MONTHLY. *Cambridge, Mass. (Runkle.)*

Vols. 1-3 (1859-1861).

Amer. Math. Soc. Vols. 1-3.	Mich. Vols. 1-3.
Boston Athen. Vol. 3.	Minn. Vols. 1-3.
Brooklyn Pub. Vols. 1-3.	Naval Ac. Vols. 1-3.
Brown. Vols. 1-3.	N. Y. Pub. Vols. 1-3.
Calif. Vols. 1-3.	Northwestern. Vols. 1-3.
Columbia. Vols. 1-3.	Pa. Vols. 1-3.
Congress. Vols. 1-3.	Phila. Pub. Vols. 1-3.
Cornell. Vols. 1-3.	Princeton. Vols. 1-3.
Crerar. Vols. 1-3.	Purdue. Vols. 1-3.
Harvard. Vols. 1-3.	Syracuse. Vols. 1-3.
Haverford. Vols. 1-3.	Wesleyan. Vols. 1-3.
Ill. Vols. 1-2.	Wis. Vols. 1-3.
Indiana. Vols. 1-3.	Yale. Vols. 1-3.
Johns Hopkins. Vols. 1-3.	

MATHEMATICAL QUESTIONS AND SOLUTIONS FROM THE "EDUCATIONAL TIMES."
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Ser. 1, Vols. 1-75 (1863-1901); Ser. 2, Vols. 1-29 (1902-1916); Ser. 3, Vols. 1 (1916)—

Brown. Ser. 1-2; Ser. 3, Vols. 1—	Ill. Ser. 1-2; Ser. 3, Vols. 1—
Calif. Ser. 1-2; Ser. 3, Vols. 1—	Indiana. Ser. 1, Vols. 40-75; Ser. 2; Ser. 3, Vols. 1—
Chicago. Ser. 1-2; Ser. 3, Vols. 1—	Minn. Ser. 1-2; Ser. 3, Vols. 1—
Columbia. Ser. 1, Vols. 1-11, 28-32, 35- 38, 61, 64, 66-75; Ser. 2; Ser. 3, Vols. 1—	Mo. Ser. 1, Vols. 1-60.
Cornell. Ser. 1-2; Ser. 3, Vols. 1—	Naval Ac. Ser. 1, Vols. 28-39.
Crerar. Ser. 1-2; Ser. 3, Vols. 1—	Wash. Ser. 1.
	Yale. Ser. 1, Vols. 1-67, 71, 74.

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[Ser. 1] (Dodson), Vols. 1-3 (1747-1755); [Ser. 2] (Leybourn), Vols. 1-3 (1795-1804);
[Ser. 3] (Leybourn, "New Series"), Vols. 1-6 (1806-1835).

Amer. Math. Soc. Ser. 3, Vols. 1-5.

Cornell. Ser. 3, Vols. 1-6.

Harvard. Ser. 3, Vols. 1-6.

N. Y. Pub. Ser. 3, Vols. 1-4.

Yale. Ser. 1, Vol. 1 (2d edition), 2-3;

Ser. 2, Vol. 1 (2d edition), 2-3; Ser. 3.

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Vols. 1 (1915)—

Amer. Math. Soc. Vols. 1—

THE MATHEMATICIAN. *London.*

Vols. 1-3 (1843-1850).

Columbia. Vols. 1-3.

Congress. Vols. 2-3.

Cornell. Vols. 1-3.

Crerar. Vols. 1-3.

Harvard. Vols. 1-3.

Mich. Vols. 1-3.

Wis. Vols. 1-3.

Yale. Vols. 1-3.

THE MATHEMATICS TEACHER. *Syracuse, N. Y.*

Vols. 1 (1908-1909)—

Amer. Math. Soc. Vols. 1—

Brown. Vols. 1—

Chicago. Vols. 1—

Clark. Vols. 1—

Columbia. Vols. 1-6.

Cornell. Vols. 1—

Harvard. Vols. 5—

Ill. Vols. 1—

Iowa. Vols. 1—

Johns Hopkins. Vols. 1—

Kansas. Vols. 1—

Mass. Tech. Vols. 1—

Minn. Vols. 1—

Princeton. Vols. 1—

Rochester. Vols.—

Texas. Vols. 1—

MATHEMATISCHE ANNALEN. *Leipzig.*

Vol. 1 (1869)—

Adelbert. Vols. 1—

Amer. Math. Soc. Vols. 14-15, 41-43,
45—

Brown. Vols. 1—

Bryn Mawr. Vols. 1—

Calif. Vols. 1—

Catholic. Vols. 40, 44, 46—

Chicago. Vols. 1—

Clark. Vols. 1—

Columbia. Vols. 1—

Congress. Vols. 9-53, 57—

Cornell. Vols. 1—

Crerar. Vols. 1—

Harvard. Vols. 1—

Haverford. Vols. 1-37, 40—

Ill. Vols. 1—

Indiana. Vols. 1—

Iowa. Vols. 1—

Johns Hopkins. Vols. 1—

Kansas. Vols. 1—

Mass. Tech. Vols. 1—

Mich. Vols. 1—

Minn. Vols. 1—

Mo. Vols. 1—

Neb. Vols. 1—

N. Y. Pub. Vols. 1—

Northwestern. Vols. 1—

Pa. Vols. 1—

Princeton. Vols. 1—

Purdue. Vols. 1—

Rochester. Vols. 52—

Stanford. Vols. 1—

Syracuse. Vols. 1—

Texas. Vols. 1—

Vassar. Vols. 1—

Virginia. Vols. 52—

Wash. Vols. 1—

Wash. (St. Louis.) Vols. 1—

Wesleyan. Vols. 1—

Wis. Vols. 1—

Yale. Vols. 1—

MATHEMATIS. *Gand (Ghent).*

Ser. 1, Vols. 1-10 (1881-1890); Ser. 2, Vols. 1-10 (1891-1900); Ser. 3, Vols. 1-10 (1901-1910); Ser. 4, Vols. 1 (1911)—

Amer. Math. Soc. Ser. 1-3; Ser. 4, Vols. 1—	Ill. Ser. 2-3; Ser. 4, Vols. 1—
Brown. Ser. 1, Vols. 5-10; Ser. 2, Vol. 1.	Indiana. Ser. 1-3; Ser. 4, Vols. 1—
Calif. Ser. 1-3; Ser. 4, Vols. 1—	Johns Hopkins. Ser. 1-3; Ser. 4, Vols. 1—
Catholic. Ser. 2, Vols. 5-10.	N. Y. Pub. Ser. 2, Vols. 7-10; Ser. 3; Ser. 4, Vols. 1—
Chicago. Ser. 1-3; Ser. 4, Vols. 1—	Princeton. Ser. 4, Vols. 1—
Columbia. Ser. 1-3; Ser. 4, Vols. 1—	Rochester. Ser. 1, Vol. 10.
Congress. Ser. 1, Vols. 8-10; Ser. 2, Vols. 1-7.	Syracuse. Ser. 1-3; Ser. 4, Vols. 1—
Cornell. Ser. 1-3; Ser. 4, Vols. 1—	Texas. Ser. 1, Vol. 10; Ser. 2, Vols. 2-9; Ser. 3, Vols. 1-3.
Crerar. Ser. 2, Vols. 7-10; Ser. 3; Ser. 4, Vols. 1—	Wash. Ser. 4, Vols. 4—
Harvard. Ser. 1-3; Ser. 4, Vols. 1—	Wis. Ser. 1-3; Ser. 4, Vols. 1—

MESSENGER OF MATHEMATICS. *London.*

Ser. 1, Vols. 1-5 (1861-1871); Ser. 2, Vols. 1 (1871)—

Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1, 3-9, 24—	Johns Hopkins. Ser. 2, Vols. 1—
Brown. Ser. 2, Vols. 46—	Kansas. Ser. 1; Ser. 2, Vols. 1—
Bryn Mawr. Ser. 2, Vols. 15—	Naval. Ac. Ser. 1; Ser. 2, Vols. 1-13.
Calif. Ser. 1; Ser. 2, Vols. 1—	Neb. Ser. 1; Ser. 2, Vols. 1—
Catholic. Ser. 2, Vols. 24-31.	N. Y. Pub. Ser. 2, Vols. 1—
Chicago. Ser. 2, Vols. 1—	Northwestern. Ser. 2, Vols. 36—
Clark. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 1; Ser. 2, Vols. 1—
Columbia. Ser. 1; Ser. 2, Vols. 1—	Princeton. Ser. 1; Ser. 2, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1—	Stanford. Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—	Syracuse. Ser. 2, Vols. 1-4, 9-10, 13—
Crerar. Ser. 1; Ser. 2, Vols. 1—	Vassar. Ser. 2, Vols. 25—
Harvard. Ser. 1; Ser. 2, Vols. 1—	Virginia. Ser. 2, Vols. 29—
Haverford. Ser. 2, Vols. 3-6, 8-11.	Wash. Ser. 1; Ser. 2, Vols. 1-39, 42—
Ill. Ser. 1; Ser. 2, Vols. 1—	Wis. Ser. 1; Ser. 2, Vols. 1—
Indiana. Ser. 2, Vols. 1-23.	Yale. Ser. 1; Ser. 2, Vols. 1—

MOSCOW MATHEMATICAL SOCIETY.

Transactions. (*Matematischeski Sbornik.*) Vols. 1 (1866)—

Amer. Math. Soc. Vols. 1—	Mich. Vols. 1-28.
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NEW YORK. AMERICAN MATHEMATICAL SOCIETY.

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Adelbert. Vols. 1—	Catholic. Vols. 1-8.
Amer. Math. Soc. Vols. 1—	Chicago. Vols. 1—
Amer. Phil. Soc. Vols. 1—	Clark. Vols. 1—
Brooklyn Pub. Vols. 4-6, 10—	Coast Geodetic. Vols. 3—
Brown. Vols. 9—	Columbia. Vols. 1—
Bryn Mawr. Vols. 1—	Congress. Vols. 1—
Calif. Vols. 1—	Cornell. Vols. 1—
Case. Vols. 1—	Crerar. Vols. 1—

Harvard. Vols. 1—
 Haverford. Vols. 1-7.
 Idaho. Vols. 22—
 Ill. Vols. 1—
 Indiana. Vols. 1—
 Iowa. Vols. 1—
 Johns Hopkins. Vols. 1—
 Kansas. Vols. 1—
 Mass. Tech. Vols. 1—
 Mich. Vols. 1—
 Minn. Vols. 1—
 Mo. Vols. 1—
 Naval Ac. Vols. 1—
 Neb. Vols. 1—
 N. Y. Pub. Vols. 1—

Northwestern. Vols. 1—
 Pa. Vols. 1—
 Princeton. Vols. 1—
 Purdue. Vols. 1—
 Rochester. Vols. 1—
 Stanford. Vols. 1—
 Texas. Vols. 14—
 Throop. Vols. 16—
 Vassar. Vols. 1—
 Wash. Vols. 1-19, 21—
 Wash. (St. Louis.) Vols. 1-17.
 Wesleyan. Vols. 1—
 Wis. Vols. 1—
 Yale. Vols. 1—
 Yerkes. Vols. 1—

NEW YORK. AMERICAN MATHEMATICAL SOCIETY.

Transactions. Vols. 1 (1900)—

Amer. Math. Soc. Vols. 1—
 Amer. Phil. Soc. Vols. 1—
 Brown. Vols. 1—
 Bryn Mawr. Vols. 1—
 Calif. Vols. 1—
 Chicago. Vols. 1—
 Clark. Vols. 1—
 Columbia. Vols. 1—
 Congress. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Haverford. Vols. 1—
 Ill. Vols. 1—
 Indiana. Vols. 1—
 Iowa. Vols. 1—
 Johns Hopkins. Vols. 1—
 Kansas. Vols. 1—
 Mass. Tech. Vols. 1—

Mich. Vols. 1—
 Minn. Vols. 1—
 Mo. Vols. 1—
 Naval Ac. Vols. 1—
 Neb. Vols. 1—
 N. Y. Pub. Vols. 1—
 Northwestern. Vols. 1—
 Pa. Vols. 1—
 Princeton. Vols. 1—
 Purdue. Vols. 1—
 Stanford. Vols. 1—
 Vassar. Vols. 1—
 Virginia. Vols. 4—
 Wash. Vols. 1—
 Wash. (St. Louis.) Vols. 1—
 Wesleyan. Vols. 1—
 Wis. Vols. 1—
 Yale. Vols. 1—
 Yerkes. Vols. 1-5.

NEW YORK MATHEMATICAL SOCIETY.

Bulletin. Vols. 1-3 (1891-1894).

Adelbert. Vols. 1-3.
 Amer. Math. Soc. Vols. 1-3.
 Amer. Phil. Soc. Vols. 1-3.
 Bryn Mawr. Vols. 1-3.
 Calif. Vols. 1-3.
 Case. Vols. 1-2.
 Chicago. Vols. 1-3.
 Clark. Vols. 1-3.
 Columbia. Vols. 1-3.
 Congress. Vols. 1-3.
 Cornell. Vols. 1-3.
 Crerar. Vols. 1-3.
 Harvard. Vols. 1-3.

Haverford. Vols. 1-3.
 Ill. Vols. 1-3.
 Indiana. Vols. 1-3.
 Iowa. Vols. 1-3.
 Johns Hopkins. Vols. 1-3.
 Kansas. Vols. 1-3.
 Mass. Tech. Vols. 1-3.
 Mich. Vols. 1-3.
 Minn. Vols. 1-3.
 Mo. Vols. 1-3.
 Naval Ac. Vols. 1-3.
 Neb. Vols. 1-3.
 N. Y. Pub. Vols. 1-3.

Northwestern. Vols. 1-3.
 Pa. Vols. 1-3.
 Princeton. Vols. 1-3.
 Purdue. Vols. 1-3.
 Rochester. Vols. 1-3.
 Stanford. Vols. 1-3.

Texas. Vols. 1-3.
 Vassar. Vols. 1-2.
 Wash. (St. Louis.) Vols. 1-3.
 Wesleyan. Vols. 1-3.
 Wis. Vols. 1-3.
 Yale. Vols. 1-3.

NIEUW ARCHIEF VOOR WISKUNDE. *Amsterdam.*

Ser. 1, Vols. 1-20 (1875-1893); Ser. 2, Vols. 1 (1895)—

Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1—	Ill. Ser. 1; Ser. 2, Vols. 1—
Amer. Phil. Soc. Ser. 2, Vols. 4—	Johns Hopkins. Ser. 1, Vols. 12-20;
Chicago. Ser. 1.	Ser. 2, Vols. 1, 3.
Columbia. Ser. 1; Ser. 2, Vols. 1—	Kansas. Ser. 2, Vols. 9—
Congress. Ser. 1; Ser. 2, Vols. 1—	N. Y. Pub. Ser. 1; Ser. 2, Vols. 1—
Crerar. Ser. 1, Vol. 19.	Pa. Ser. 2, Vols. 4—
Harvard. Ser. 2, Vols. 4—	

NOUVELLE CORRESPONDANCE MATHÉMATIQUE. *Bruxelles (Brussels).*

Vols. 1-6 (1874-1880).

Amer. Math. Soc. Vols. 1-6.	Harvard. Vols. 1-6.
Congress. Vols. 1, 3, 5-6.	Johns Hopkins. Vols. 5-6.

NOUVELLES ANNALES DE MATHÉMATIQUES. *Paris.*

Ser. 1, Vols. 1-20 (1842-1861); Ser. 2, Vols. 1-20 (1862-1881); Ser. 3, Vols. 1-19 (1882-1900); Ser. 4, Vols. 1 (1901)—

Adelbert. Ser. 4, Vols. 1—	Mass. Tech. Ser. 1, Vols. 1-16, 18-20;
Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1-18; Ser. 4, Vols. 3—	Ser. 3, Vols. 18-19; Ser. 4, Vols. 1—
Brooklyn Pub. Ser. 1; Ser. 2, Vol. 1.	Mich. Ser. 1-3; Ser. 4, Vols. 1—
Brown. Ser. 4, Vols. 11—	Minn. Ser. 1-3; Ser. 4, Vols. 1—
Calif. Ser. 1-3; Ser. 4, Vols. 1—	Mo. Ser. 4, Vols. 1—
Catholic. Ser. 3, Vols. 14-19.	Naval Ac. Ser. 1-2; Ser. 3, Vols. 1-2.
Chicago. Ser. 1-3; Ser. 4, Vols. 1—	N. Y. Pub. Ser. 1-3; Ser. 4, Vols. 1—
Clark. Ser. 1-3; Ser. 4, Vols. 1—	Northwestern. Ser. 4, Vols. 6—
Coast Geodetic. Ser. 3, Vol. 18.	Pa. Ser. 1-3; Ser. 4, Vols. 1—
Columbia. Ser. 1-3; Ser. 4, Vols. 1—	Princeton. Ser. 1-3; Ser. 4, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1-17.	Rochester. Ser. 3, Vols. 11-19; Ser. 4, Vols. 1—
Cornell. Ser. 1-3; Ser. 4, Vols. 1—	Stanford. Ser. 1-3; Ser. 4, Vols. 1—
Crerar. Ser. 1-3; Ser. 4, Vols. 1—	Syracuse. Ser. 1-3; Ser. 4, Vols. 1—
Harvard. Ser. 1-3; Ser. 4, Vols. 1—	Texas. Ser. 1, Vols. 16-20; Ser. 2, Vols. 1-10.
Ill. Ser. 1-3; Ser. 4, Vols. 1—	Virginia. Ser. 4, Vols. 8—
Indiana. Ser. 4, Vols. 9—	Wis. Ser. 1-3; Ser. 4, Vols. 1—
Johns Hopkins. Ser. 2-3; Ser. 4, Vols. 1-4, 6-12, 14—	Yale. Ser. 1-3; Ser. 4, Vols. 1—
Kansas. Ser. 4, Vols. 2-11.	

NYT TIDSSKRIFT FOR MATHEMATIK. *Kjøbenhavn.*

Ser. A and B, Vols. 1 (1890)—

Amer. Math. Soc. Vols. 11—	Johns Hopkins. Vol. 1.
Columbia. Vols. 1—	Kansas. Vols. 19—
Congress. Ser. A, Vols. 1-4, 7-8.	N. Y. Pub. Vols. 1—
Ill. Vols. 1—	Wis. Vols. 1—
Indiana. Vols. 22—	

PALERMO. CIRCOLO MATEMATICO.

Rendiconti. Vols. 1 (1884-1887)—

Adelbert. Vols. 1-36.	Mass. Tech. Vols. 21-28, 30, 32-34, 37—
Amer. Math. Soc. Vols. 1—	Mich. Vols. 1—
Bryn Mawr. Vols. 1—	Minn. Vols. 1—
Calif. Vols. 1—	Mo. Vols. 1—
Catholic. Vols. 9-14.	Neb. Vols. 1—
Chicago. Vols. 1—	N. Y. Pub. Vols. 1—
Clark. Vols. 1—	Northwestern. Vols. 1—
Columbia. Vols. 1—	Pa. Vols. 19—
Congress. Vols. 1-26.	Princeton. Vols. 1—
Cornell. Vols. 1—	Purdue. Vols. 28-36.
Crerar. Vols. 1—	Stanford. Vols. 1-27, 29—
Harvard. Vols. 1—	Texas. Vols. 1—
Ill. Vols. 1—	Wash. Vols. 1—
Indiana. Vols. 1—	Wesleyan. Vols. 1—
Johns Hopkins. Vols. 1—	Wis. Vols. 1—
Kansas. Vols. 1-27, 33-36, 39—	Yale. Vols. 1—

PALERMO. CIRCOLO MATEMATICO.

Rendiconti, Supplemento. Vols. 1 (1906)—

Amer. Math. Soc. Vols. 1—	Kansas. Vols. 1—
Calif. Vols. 1—	Mich. Vols. 1—
Clark. Vols. 1-5.	Minn. Vols. 5-7.
Columbia. Vols. 1—	Mo. Vols. 5—
Cornell. Vols. 1—	N. Y. Pub. Vols. 1—
Crerar. Vols. 1—	Northwestern. Vols. 4—
Harvard. Vols. 1-5, 7—	Stanford. Vols. 1—
Johns Hopkins. Vols. 2—	Wis. Vols. 1—
Ill. Vols. 1—	Yale. Vols. 1—

PARIS. SOCIÉTÉ MATHÉMATIQUE DE FRANCE.

Bulletin. Vols. 1 (1872-1873)—

Adelbert. Vols. 43—	Kansas. Vols. 1-30, 33—
Amer. Math. Soc. Vols. 1—	Mich. Vols. 1—
Bryn Mawr. Vols. 1—	Minn. Vols. 1—
Calif. Vols. 1—	Mo. Vols. 38—
Catholic. Vols. 1-33.	Neb. Vols. 1—
Chicago. Vols. 1—	N. Y. Pub. Vols. 1—
Clark. Vols. 1—	Northwestern. Vols. 34—
Columbia. Vols. 1—	Pa. Vols. 1—
Congress. Vols. 1—	Princeton. Vols. 1—
Cornell. Vols. 1—	Stanford. Vols. 1—
Crerar. Vols. 1—	Wash. (St. Louis.) Vols. 38—
Harvard. Vols. 1—	Wesleyan. Vols. 1—
Ill. Vols. 1—	Wis. Vols. 1—
Indiana. Vols. 1—	Yale. Vols. 1—
Johns Hopkins. Vols. 1-34, 37—	

PARIS. SOCIÉTÉ MATHÉMATIQUE DE FRANCE.

Comptes Rendus des Séances. 1912—

Amer. Math. Soc. 1912—	Kansas. 1912—
Calif. 1912—	N. Y. Pub. 1912.
Columbia. 1912—	Princeton. 1913.
Congress. 1912—	Stanford. 1912—
Creerar. 1912—	Wesleyan. 1912—
Harvard. 1912.	Wis. 1912—
Ill. 1912—	Yale. 1912—

PERIODICO DI MATEMATICA. Livorno (*Leghorn*).

Ser. 1, Vols. 1-13 (1886-1898); Ser. 2, Vols. 1-5 (1899-1903); Ser. 3, Vols. 1 (1903-1904)—

Amer. Math. Soc. Ser. 1, Vols. 6-13;	Ill. Ser. 1-2; Ser. 3, Vols. 1—
Ser. 2; Ser. 3, Vols. 1—	Kansas. Ser. 3, Vols. 6—
Brown. Ser. 3, Vols. 14—	Mich. Ser. 3, Vols. 11—
Congress. Ser. 1, Vols. 12-13; Ser. 2;	Princeton. Ser. 3, Vols. 9—
Ser. 3, Vols. 1—	Texas. Ser. 3, Vols. 8—
Harvard. Ser. 2, Vols. 2-5; Ser. 3,	Wis. Ser. 3, Vols. 1—
Vols. 1—	

PERIODICO DI MATEMATICA. Livorno (*Leghorn*).

Vols. 1 (1897-1898)—

Amer. Math. Soc. Vols. 2-15, 17—	Ill. Vols. 2—
Brown. Vols. 19—	Kansas. Vols. 6-11, 13, 15-17, 20—
Congress. Vols. 2-14, 19—	Mich. Vol. 17.
Harvard. Vols. 3—	

PHILADELPHIA. UNIVERSITY OF PENNSYLVANIA.

Publications: Mathematics. Vols. 1 (1897)—

Amer. Math. Soc. Vols. 1-3.	Ill. Vol. 3.
Amer. Phil. Soc. Vols. 1-2.	Johns Hopkins. Vols. 1-3.
Brown. Vols. 1—	Mich. Vols. 1-3.
Bryn Mawr. Vols. 2-4, 7—	Neb. Vols. 1-3.
Calif. Vols. 1—	N. Y. Pub. Vols. 1-3.
Columbia. Vols. 1-3.	Pa. Vols. 1—
Congress. Vols. 1-3.	Stanford. Vols. 1-3.
Cornell. Vols. 1-2.	Wis. Vols. 1-3.
Creerar. Vols. 1—	Yale. Vols. 1-3.
Harvard. Vols. 1-3.	

IL PITAGORA. Palermo.

Ser. 1, Vols. 1-21 (1895-1915); Ser. 2, Vols. 1 (1917)—

Amer. Math. Soc. Ser. 1; Ser. 2,	Johns Hopkins. Ser. 1, Vols. 14-21;
Vols. 1—	Ser. 2, Vols. 1—
	N. Y. Pub. Ser. 1, Vols. 2, 5-7.

EL PROGRESO MATEMATICO. Saragossa.

Ser. 1, Vols. 1-5 (1891-1895); Ser. 2, Vols. 1-2 (1899-1900).

Amer. Math. Soc. Ser. 1-2.	Johns Hopkins. Ser. 1-2.
Columbia. Ser. 1.	Texas. Ser. 1, Vols. 1-4.
Ill. Ser. 1-2.	

QUARTERLY JOURNAL OF PURE AND APPLIED MATHEMATICS. *London.*

Vols. 1 (1857)—

Adelbert. Vols. 47—	Mich. Vols. 1—
Amer. Math. Soc. Vols. 1-44, 46—	Minn. Vols. 1—
Bryn Mawr. Vols. 1—	Mo. Vols. 35—
Calif. Vols. 1—	Naval Ac. Vols. 1-40, 43—
Catholic. Vols. 27-33.	Neb. Vols. 1—
Chicago. Vols. 1—	N. Y. Pub. Vols. 1—
Clark. Vols. 1—	Northwestern. Vols. 1—
Columbia. Vols. 1—	Pa. Vols. 1—
Congress. Vols. 1—	Princeton. Vols. 1—
Cornell. Vols. 1—	Stanford. Vols. 1—
Crerar. Vols. 1—	Syracuse. Vols. 1—
Harvard. Vols. 1—	Vassar. Vols. 1-7, 27—
Haverford. Vols. 18-41.	Virginia. Vols. 37—
Ill. Vols. 1—	Wash. Vols. 44—
Indiana. Vols. 1—	Wash. (St. Louis.) Vols. 42—
Iowa. Vols. 1—	Wis. Vols. 1—
Johns Hopkins. Vols. 1—	Yale. Vols. 1—
Kansas. Vols. 1—	

REPERTORIUM DER LITERARISCHEN ARBEITEN AUS DEM GEBIETE DER REINEN
UND ANGEWANDTEN MATHEMATIK. *Leipzig.*

Vols. 1-2 (1876-1879).

Congress. Vols. 1-2.	N. Y. Pub. Vols. 1-2.
Crerar. Vols. 1-2.	Yale. Vols. 1-2.
Johns Hopkins. Vols. 1-2.	

REVISTA TRIMESTRAL DI MATEMATICAS. *Saragossa.*

Vols. 1-6 (1901-1906).

Amer. Math. Soc. Vols. 1-6.	Harvard. Vols. 1-6.
Crerar. Vols. 1-6.	

REVUE DE MATHÉMATIQUES. (Rivista di Matematica.) *Torino (Turin).*

Vols. 1-8 (1891-1906).

Amer. Math. Soc. Vols. 1-8.	Johns Hopkins. Vols. 6-8.
Catholic. Vols. 6-7.	Princeton. Vols. 1-8.
Chicago. Vols. 1-8.	Stanford. Vols. 1-8.
Columbia. Vols. 1-8.	Texas. Vols. 1-8.
Crerar. Vols. 1-8.	Wis. Vols. 1-8.
Harvard. Vols. 1-8.	Yale. Vols. 1-8.
Ill. Vols. 1-8.	

REVUE DE MATHÉMATIQUES SPÉCIALES. *Paris.*

Vols. (Années) 1-24, Tomes 1-12 (1890-1914).

Amer. Math. Soc. Vols. 1-6, 9-11, 13-16.	Ill. Vols. 1-24.
Brown. Vols. 1-24.	Indiana. Vols. 20-23.
Columbia. Vols. 1-20.	N. Y. Pub. Vols. 1-3, 5, 8-12, 13-18.
Crerar. Vols. 1-24.	Princeton. Vols. 1-24.

REVUE SEMESTRIELLE DES PUBLICATIONS MATHÉMATIQUES. *Amsterdam.*

Vols. 1 (1893)—

Amer. Math. Soc. Vols. 1—	Kansas. Vols. 1—
Amer. Phil. Soc. Vols. 1—	Mich. Vols. 5—
Brown. Vols. 1-8, 19—	Minn. Vols. 1—
Calif. Vols. 1—	Mo. Vols. 1—
Catholic. Vols. 1-20.	Neb. Vols. 18—
Clark. Vols. 1-20.	N. Y. Pub. Vols. 1—
Columbia. Vols. 1—	Northwestern. Vols. 14—
Congress. Vols. 1—	Pa. Vols. 1-10.
Cornell. Vols. 1—	Stanford. Vols. 1—
Crerar. Vols. 1—	Texas. Vols. 1—
Harvard. Vols. 1—	Wash. Vols. 21—
Ill. Vols. 1—	Wis. Vols. 1—
Indiana. Vols. 1—	Yale. Vols. 1—
Johns Hopkins. Vols. 1-12, 15—	Yerkes. Vols. 7-13.

SPHINX-ŒDIPE. *Nancy.*

Vols. 1 (1906)—

Amer. Math. Soc. Vols. 1—	Ill. Vols. 1—
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TÔHOKU MATHEMATICAL JOURNAL. *Sendai.*

Vols. 1 (1911-1912)—

Amer. Math. Soc. Vols. 1—	Indiana. Vols. 6—
Brown. Vols. 1—	Johns Hopkins. Vols. 1-2.
Calif. Vols. 6—	Kansas. Vols. 6—
Columbia. Vols. 1—	Mass. Tech. Vols. 6—
Congress. Vols. 1—	Mich. Vols. 6—
Cornell. Vols. 6—	Mo. Vols. 2—
Crerar. Vols. 6—	Princeton. Vols. 1—
Harvard. Vols. 1—	Stanford. Vols. 6—
Ill. Vols. 1—	Wis. Vols. 3—

WIADOMOSCI MATEMATYCZNE. *Warsaw.*

Vols. 1 (1897)—

Amer. Math. Soc. Vols. 1—	Harvard. Vols. 7—
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WISKUNDIGE OPGAVEN MET DE OPLOSSINGEN. *Amsterdam.*

Ser. 1, Vols. 1-4 (1855-1874); Ser. 2, Vols. 1 (1875-1881)— (Ser. 1 has the title *Wiskunstige Opgaven met hare Ontbindingen.*)

Amer. Math. Soc. Ser. 2, Vols. 1—	Ill. Ser. 1; Ser. 2, Vols. 1-10.
Amer. Phil. Soc. Ser. 2, Vols. 9—	Kansas. Ser. 2, Vols. 10-11, 13—
Columbia. Ser. 1; Ser. 2, Vols. 1—	N. Y. Pub. Ser. 1; Ser. 2, Vols. 1-2.
Congress. Ser. 2, Vols. 2—	Pa. Ser. 2, Vol. 7—
Crerar. Ser. 2, Vols. 11—	Yerkes. Ser. 2, Vols. 8-9.
Harvard. Ser. 2, Vols. 8—	

WISKUNDIG TIJDSCHRIFT. *Haarlem, Rotterdam.*

Vols. 1 (1904-1905)—

Amer. Math. Soc. Vols. 1-3, 7—

II. PERIODICALS PARTLY MATHEMATICAL.

(For a complete list with cross references, see the Index.)

- Archiv der Mathematik und Physik.
 Archiv for Mathematik og Naturvidenskab.
 Berlin. Königliche Akademie der Wissenschaften. Abhandlungen.
 ——— Monatsberichte.
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- Ser. 1, Vols. 1-70 (1841-1884); Ser. 2, Vols. 1-17 (1884-1900); Ser. 3, Vols. 1 (1901)—
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| Amer. Math. Soc. Ser. 2; Ser. 3, Vols. 1— | Johns Hopkins. Ser. 1, Vols. 59-70; Ser. 2; Ser. 3, Vols. 1— |
| Boston Athen. Ser. 1, Vol. 55. | Kansas. Ser. 3, Vols. 17— |
| Brown. Ser. 3, Vols. 23— | Mich. Ser. 3, Vols. 1— |
| Calif. Ser. 1-2; Ser. 3, Vols. 1— | Mo. Ser. 2, Vol. 17; Ser. 3, Vols. 1— |
| Catholic. Ser. 2, Vols. 14-17; Ser. 3, Vols. 1— | N. Y. Pub. Ser. 1-2; Ser. 3, Vols. 1— |
| Chicago. Ser. 1-2; Ser. 3, Vols. 1-20. | Northwestern. Ser. 3, Vols. 10— |
| Clark. Ser. 3, Vols. 1— | Pa. Ser. 1-2; Ser. 3, Vols. 1-4, 7— |
| Columbia. Ser. 1-2; Ser. 3, Vols. 1— | Princeton. Ser. 1-2; Ser. 3, Vols. 1-22, 24— |
| Congress. Ser. 1-2; Ser. 3, Vols. 1-3, 6— | Purdue. Ser. 3, Vols. 1— |
| Cornell. Ser. 1-2; Ser. 3, Vols. 1— | Stanford. Ser. 1, Vols. 1-20, 22-70; Ser. 2; Ser. 3, Vols. 1— |
| Crerar. Ser. 1-2; Ser. 3, Vols. 1— | Wis. Ser. 1-2; Ser. 3, Vols. 1— |
| Harvard. Ser. 1-2; Ser. 3, Vols. 1— | Yale. Ser. 1-2; Ser. 3, Vols. 1— |
| Ill. Ser. 1-2; Ser. 3, Vols. 1— | |
| Indiana. Ser. 1-2; Ser. 3, Vols. 1— | |

ARCHIV FOR MATHEMATIK OG NATURVIDENSKAB. *Christiania.*

Vols. 1 (1876)—

- | | |
|----------------------------|----------------------------|
| Amer. Math. Soc. Vols. 21— | Indiana. Vols. 32— |
| Chicago. Vols. 21— | N. Y. Pub. Vols. 1— |
| Congress. Vols. 21-32. | Princeton. Vols. 1-20. |
| Crerar. Vols. 1— | Stanford. Vols. 20-25, 27— |
| Harvard. Vols. 1-3. | Yale. Vols. 1-32. |

BERLIN. KÖNIGLICHE AKADEMIE DER WISSENSCHAFTEN.

- Abhandlungen. Ser. 1, *Miscellanea Berolinensia* (1710-1743); Ser. 2, *Histoire . . . avec les Mémoires* (1745-1769); Ser. 3, *Nouveaux Mémoires . . . avec l'Histoire* (1770-1786); Ser. 4, *Mémoires . . . avec l'Histoire* (1786-1804); Ser. 5, *Sammlung der deutschen Abhandlungen* (1788-1803); Ser. 6, *Abhandlungen* (1804-1875), B, Physik., math. und philos. Classe; Ser. 7, *Abhandlungen* (1876-1907); Ser. 8, *Abhandlungen* (1908)—, B, Physik.-math. Classe.
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|--|--|
| Amer. Math. Soc. Math. Abhand. only: Ser. 7, 1892-1907; Ser. 8, 1908— | Harvard. Ser. 6-7; Ser. 8, 1908— |
| Amer. Phil. Soc. Ser. 1-4, 6-7; Ser. 8, 1908— | Ill. Ser. 3-7; Ser. 8, 1908— |
| Calif. Ser. 5-7; Ser. 8, 1908— | Johns Hopkins. Ser. 8, 1908— |
| Chicago. Ser. 2, 1745-1766, 1768-1769; Ser. 3-7; Ser. 8, 1908— | Mich. Ser. 5-7; Ser. 8, 1908— |
| Coast Geodetic. Math. Abhand. only: Ser. 6, 1871-1875; Ser. 7; Ser. 8, 1908— | Naval Ac. Ser. 2-5; Ser. 6, Math. unphys. Abhand. only. |
| Columbia. Ser. 1; Ser. 2, 1745-1746; Ser. 3-4, 6-7; Ser. 8, 1908— | N. Y. Pub. Ser. 6-7; Ser. 8, 1908— |
| Congress. Ser. 6, 1822-1855, 1857-1875; Ser. 7; Ser. 8, 1908— | Pa. Ser. 7, 1904-1907; Ser. 8, 1908— |
| Cornell. Ser. 3-5; Ser. 6, 1820-1875; Ser. 7; Ser. 8, 1908— | Princeton. Ser. 6; Ser. 7, 1876-1898, 1901-1907; Ser. 8, 1908— |
| Crerar. Ser. 3-7; Ser. 8, 1908— | Stanford. Ser. 6, 1855-1875; Ser. 7; Ser. 8, 1908— |
| Dudley. Math. Abhand. only: Ser. 6, 1804-1821, 1824-1848. | Wesleyan. Ser. 8, 1911— |
| | Wis. Ser. 7, 1893-1907; Ser. 8, 1908— |
| | Yale. Ser. 6-7; Ser. 8, 1908— |

BERLIN. KÖNIGLICHE AKADEMIE DER WISSENSCHAFTEN.

Monatsberichte. 1856-1881. (Succeeded by the Sitzungsberichte.)

Amer. Math. Soc. 1856-1881.
 Amer. Phil. Soc. 1856-1881.
 Bryn Mawr. 1858-1860, 1866-1881.
 Bureau Standards. 1880-1881.
 Calif. 1856-1881.
 Catholic. 1856-1881.
 Chicago. 1856-1881.
 Columbia. 1856-1881.
 Congress. 1856-1881.
 Cornell. 1856-1881.
 Crerar. 1856-1881.
 Harvard. 1856-1881.

Ill. 1856-1881.
 Johns Hopkins. 1877-1881.
 Mich. 1856-1881.
 Minn. 1856-1881.
 Neb. 1856-1881.
 N. Y. Pub. 1856-1881.
 Pa. 1856-1881.
 Princeton. 1856-1881.
 Stanford. 1856-1881.
 Wesleyan. 1856-1881.
 Wis. 1866-1881.
 Yale. 1856-1881.

BERLIN. KÖNIGLICHE AKADEMIE DER WISSENSCHAFTEN.

Sitzungsberichte. 1882—

Amer. Math. Soc. 1882—
 Amer. Phil. Soc. 1882—
 Bryn Mawr. 1882—
 Bureau Standards. 1882—
 Calif. 1882—
 Catholic. 1882—
 Chicago. 1882—
 Coast Geodetic. 1882—
 Columbia. 1882—
 Congress. 1882—
 Cornell. 1882—
 Crerar. 1882—
 Dudley. 1910—
 Harvard. 1882—

Ill. 1882—
 Johns Hopkins. 1882—
 Mich. 1882—
 Minn. 1882—
 Mo. 1902—
 Neb. 1882—
 N. Y. Pub. 1882—
 Pa. 1882—
 Princeton. 1882—
 Stanford. 1882—
 Wesleyan. 1882—
 Wis. 1882—
 Yale. 1882—
 Yerkes. 1882—

BOLOGNA. REALE ACCADEMIA DELLE SCIENZE DELL'ISTITUTO.

Memorie. Ser. 1, Vols. 1-12 (1847-1861); Ser. 2, Vols. 1-10 (1861-1870); Ser. 8, Vols. 1-10 (1871-1879); Ser. 4, Vols. 1-10 (1880-1889); Ser. 5, Vols. 1-10 (1890-1904); Ser. 6, Vols. 1-10 (1904-1913); Ser. 7, Vols. 1 (1913-1914)—

Amer. Math. Soc. Ser. 5, Vols. 8-10; Ser. 6; Ser. 7, Vols. 1—
 Amer. Phil. Soc. Ser. 3, Vols. 1-2.
 Calif. Ser. 1-6; Ser. 7, Vols. 1—
 Chicago. Ser. 2, Vols. 6-10; Ser. 3; Ser. 4, Vols. 1-5.
 Columbia. Ser. 1-4; Ser. 5, Vols. 1-4.
 Congress. Ser. 1-5; Ser. 6, Vols. 1, 3-10; Ser. 7, Vols. 1—
 Cornell. Ser. 1-6; Ser. 7, Vols. 1—
 Crerar. Ser. 1; Ser. 2, Vols. 1-6; Ser. 4, Vol. 7; Ser. 5-6; Ser. 7, Vols. 1—

Harvard. Ser. 2, Vols. 7-10; Ser. 3; Ser. 4, Vols. 1-3; Ser. 5-6; Ser. 7, Vols. 1—
 Ill. Ser. 1-6; Ser. 7, Vols. 1—
 Minn. Ser. 5; Ser. 6, Vols. 1-7.
 N. Y. Pub. Ser. 1-6; Ser. 7, Vols. 1—
 Princeton. Ser. 1-6; Ser. 7, Vols. 1—
 Wis. Ser. 5, Vols. 3-10; Ser. 6; Ser. 7, Vols. 1—
 Yale. Ser. 1; Ser. 2, Vol. 10; Ser. 3, Vols. 1-6; Ser. 4-6; Ser. 7, Vols. 1—

BOLOGNA. REALE ACCADEMIA DELLE SCIENZE DELL'ISTITUTO.

Rendiconto delle Sessioni. Ser. 1, 53 vols. (1829-1896); Ser. 2, Vols. 1 (1896-1897)—
(The subtitle *Classe di Scienze Fisiche* begins with Ser. 2, Vol. 12.)

Amer. Math. Soc. Ser. 2, Vols. 4—	Harvard. Ser. 1, 1867-1876, 1878; Ser. 2, Vol. 1.
Calif. Ser. 1, 1829-1890; Ser. 2, Vols. 8—	Johns Hopkins. Ser. 1, 1885-1886; Ser. 2, Vols. 1—
Chicago. Ser. 1, 1867-1876, 1878-1879, 1880-1881, 1882-1883.	Minn. Ser. 2, Vols. 1—
Columbia. Ser. 1, 1895-1896; Ser. 2, Vols. 1—	Wis. Ser. 1, 1889-1896; Ser. 2, 1896—.
Congress. Ser. 1, 1829-1855, 1857-1896; Ser. 2, Vols. 1-14.	Yale. Ser. 1; Ser. 2, Vols. 1—
Crerar. Ser. 1, 1829-1850, 1871-1883, 1885-1887, 1891-1896; Ser. 2, Vols. 1-4, 7—	

BONCOMPAGNI'S BULLETTINO DI BIBLIOGRAFIA E DI STORIA DELLE SCIENZE MATEMATICHE E FISICHE. *Roma (Rome)*.

Vols. 1-20 (1868-1887).

Amer. Math. Soc. Vols. 1-20.	Ill. Vols. 1-20.
Bryn Mawr. Vols. 1-20.	Johns Hopkins. Vols. 1-14.
Chicago. Vols. 1-20.	Mich. Vols. 1-20.
Columbia. Vols. 1-20.	Wesleyan. Vols. 1-20.
Congress. Vols. 1-20.	Wis. Vols. 1-20.
Harvard. Vols. 1-20.	Yale. Vols. 1-20.

BOSTON. AMERICAN ACADEMY OF ARTS AND SCIENCES.

Memoirs. Ser. 1, Vols. 1-4 (1780-1821); Ser. 2, Vols. 1 (1826-1833)—

Amer. Math. Soc. Ser. 2, Vols. 12—	Johns Hopkins. Ser. 1; Ser. 2, Vols. 1—
Amer. Phil. Soc. Ser. 1; Ser. 2, Vols. 1—	Mich. Ser. 1, Vols. 1-3; Ser. 2, Vols. 1—
Brown. Ser. 1; Ser. 2, Vols. 1—	Minn. Ser. 1; Ser. 2, Vols. 1-9.
Calif. Ser. 1; Ser. 2, Vols. 1—	Mo. Ser. 2, Vols. 13—
Chicago. Ser. 1, Vol. 1; Ser. 2, Vol. 7.	Naval Ac. Ser. 1; Ser. 2, Vols. 1-5, 11.
Coast Geodetic. Ser. 1, Vol. 3; Ser. 2, Vols. 9, 12.	N. Y. Pub. Ser. 1; Ser. 2, Vols. 1—
Columbia. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 1, Vol. 1.
Congress. Ser. 1; Ser. 2, Vols. 1—	Princeton. Ser. 1, Vols. 1-2; Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—	Stanford. Ser. 1; Ser. 2, Vols. 1—
Crerar. Ser. 1; Ser. 2, Vols. 1—	Syracuse. Ser. 1, Vol. 1.
Harvard. Ser. 1; Ser. 2, Vols. 1—	Wesleyan. Ser. 1; Ser. 2, Vols. 1—
Ill. Ser. 1; Ser. 2, Vols. 1—	Wis. Ser. 1, Vols. 1-4; Ser. 2, Vols. 1—
	Yale. Ser. 1; Ser. 2, Vols. 1—

BOSTON. AMERICAN ACADEMY OF ARTS AND SCIENCES.

Proceedings. Vols. 1 (1846-1848)—. (Vols. 9-31 also called *New Series Vols.* 1-23.)

Amer. Math. Soc. Vols. 26-48, 50—	Clark. Vols. 1—
Amer. Phil. Soc. Vols. 1—	Coast Geodetic. Vols. 1, 27—
Brown. Vols. 1—	Columbia. Vols. 1—
Bureau Standards. Vols. 40—	Congress. Vols. 1—
Calif. Vols. 1—	Cornell. Vols. 1—
Chicago. Vols. 30—	Crerar. Vols. 1—

Harvard. Vols. 1—	Princeton. Vols. 1—
Ill. Vols. 1—	Rochester. Vols. 25—
Iowa. Vols. 1-7, 39—	Stanford. Vols. 1-31, 34, 36-37, 39—
Johns Hopkins. Vols. 1—	Texas. Vols. 27-42, 47—
Mich. Vols. 1—	Vassar. Vols. 1-14, 24-31, 34-35, 41.
Minn. Vols. 1—	Virginia. Vols. 51—
Mo. Vols. 37—	Wash. Vol. 21.
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Amer. Phil. Soc. Vols. 1—	Mo. Vols. 1—
Brooklyn Pub. Vols. 82—	Naval Ac. Vols. 1-82.
Brown. Vols. 51-55, 67-78.	Neb. Vols. 1—
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Bureau Standards. Vols. 49—	Northwestern. Vols. 1—
Calif. Vols. 1—	Pa. Vols. 5, 27, 54, 61, 63—
Chicago. Vols. 1—	Phila. Pub. Vols. 51-78.
Clark. Vols. 1—	Princeton. Vols. 1—
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Crerar. Vols. 1—	Wash. Vols. 59, 69.
Harvard. Vols. 1—	Wash. (St. Louis.) Vols. 1-25, 27—
Ill. Vols. 1—	Wesleyan. Vols. 1—
Iowa. Vols. 1-8, 11—	Wis. Vols. 1—
Johns Hopkins. Vols. 1-8, 10-80, 82—	Yale. Vols. 1—
Mich. Vols. 1—	

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Bryn Mawr. Ser. 1-3; 1899—	Minn. Ser. 1-3.
Calif. Ser. 1-3; 1899—	Mo. Ser. 2, Vols. 38-41.
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Crerar. Ser. 1-3; 1899—	Wis. 1899—
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Ill. Ser. 1-3; 1899—	Yerkes. Ser. 3, Vols. 26-36; 1899—
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Columbia. Ser. a; Ser. b, Vols. 1-49, 51-54.	Mich. Ser. b, Vols. 1-6, 8, 10-54.
Congress. Ser. b, Vols. 1-3, 6, 10-54.	N. Y. Pub. Ser. a, Vols. 1-4; Ser. b.
Cornell. Ser. b.	Princeton. Ser. a, Vols. 1-4; Ser. b, Vols. 1-47.
Crerar. Ser. b, Vols. 1-19.	Yale. Ser. b, Vols. 1-5, 10-54.
	Yerkes. Ser. b, Vol. 49.

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Chicago. Vols. 1-66.	Mich. Vols. 1-66.
Columbia. Vols. 1-66.	Neb. Vol. 43.
Congress. Vols. 1-3, 5-66.	N. Y. Pub. Vols. 1-66.
Cornell. Vols. 1-66.	Princeton. Vols. 1-66.
Crerar. Vols. 1-66.	Yale. Vols. 1-66.

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Amer. Phil. Soc. Vols. 1-62.	Harvard. Vols. 1-62.
Calif. Vols. 59-62.	Johns Hopkins. Vols. 44-62.
Chicago. Vols. 1-5, 9-61.	Mich. Vols. 1-62.
Clark. Vols. 50-51.	Neb. Vols. 50-51.
Columbia. Vols. 1-62.	N. Y. Pub. Vols. 6-62.
Congress. Vols. 1-6, 9-62.	Princeton. Vols. 1-45, 47-62.
Cornell. Vols. 1-62.	Yale. Vols. 1-62.

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Columbia. Vols. 1-22, 24—	Yale. Vols. 3-19, 32—
Congress. Vols. 1—	

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Cornell. Vols. 1—	Stanford. Vols. 3-14, 16—
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Harvard. Vols. 1.—	Wis. Vols. 1—
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Clark. Vols. 1—	Naval Ac. Vols. 1-12.
Coast Geodetic. Vols. 13-19—	Neb. Vols. 22—
Columbia. Vols. 1—	N. Y. Pub. Vols. 1—
Congress. Vols. 1—	Princeton. Vols. 1—
Cornell. Vols. 1—	Wis. Vols. 1, 17, 18, 20—
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Bureau Standards. Vols. 1—	Minn. Vols. 2—
Calif. Vols. 1—	Neb. Vols. 11, 14—
Chicago. Vols. 1—	N. Y. Pub. Vols. 1—
Coast Geodetic. Vols. 1-10.	Pa. Vols. 1—
Columbia. Vols. 1—	Princeton. Vols. 11—
Congress. Vols. 1—	Stanford. Vols. 9-10, 12—
Cornell Vols. 1—	Texas. Vols. 2—
Crerar. Vols. 1—	Wis. Vols. 1—
Harvard. Vols. 1—	Yale. Vols. 1—
Ill. Vols. 1—	Yerkes. Vols. 9—
Iowa. Vols. 11-12.	

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Amer. Phil. Soc. Vols. 1-9.	Mich. Vol. 9.
Bureau Standards. Vols. 1-9.	Minn. Vols. 1-9.
Calif. Vols. 1-9.	Neb. Vol. 9.
Chicago. Vols. 1-9.	N. Y. Pub. Vols. 1-9.
Columbia. Vols. 1-9.	Pa. Vols. 1-7.
Congress. Vols. 1-9.	Princeton. Vol. 9.
Cornell. Vols. 1-6, 8-9.	Stanford. Vol. 6.
Crerar. Vols. 1-9.	Texas. Vols. 1-9.
Harvard. Vols. 1-9.	Wis. Vols. 1—
Ill. Vols. 1-9.	Yale. Vols. 1-9.
Iowa. Vol. 9.	Yerkes. Vols. 7-9.

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 Calif. Vols. 17—
 Catholic. Vols. 1-10, 17-20.
 Chicago. Vols. 1—
 Columbia. Vols. 1-16.
 Congress. Vols. 24—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Dudley. Vols. 1-9.

Harvard. Vols. 1—
 Ill. Vols. 11-14.
 Iowa. Vols. 25—
 Johns Hopkins. Vols. 12-14, 17—
 Mich. Vols. 27—
 Mo. Vol. 2.
 N. Y. Pub. Vols. 1—
 Pa. Vol. 1.
 Wis. Vols. 24-26, 28—
 Yale. Vols. 1—

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Amer. Math. Soc. Vols. 3-4, 10-12, 15—
 Amer. Phil. Soc. Vols. 1—
 Calif. Vols. 5—
 Chicago. Vols. 18—
 Coast Geodetic. Vols. 3-4, 6—
 Columbia. Vols. 3-22, 30—
 Congress. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 5-8, 10, 12, 15—
 Harvard. Vols. 2—
 Ill. Vols. 5—
 Iowa. Vols. 20—
 Johns Hopkins. Vols. 6—

Mich. Vols. 31—
 Minn. Vols. 1—
 Neb. Vols. 15—
 N. Y. Pub. Vols. 1—
 Pa. Vols. 15-25.
 Princeton. Vols. 32—
 Rochester. Vols. 23—
 Stanford. Vols. 9—
 Texas. Vols. 3-6, 8, 13-15, 18—
 Wis. Vols. 8—
 Yale. Vols. 1—
 Yerkes. Vols. 23—

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Transactions. Vols. 1 (1788)—

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 Amer. Phil. Soc. Vols. 1—
 Bryn Mawr. Vols. 1—
 Calif. Vols. 1—
 Chicago. Vols. 1—
 Clark. Vols. 1—
 Coast Geodetic. Vols. 6-15, 18, 21-25,
 27—
 Columbia. Vols. 1-20, 22-45, 47—
 Congress. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—

Ill. Vols. 1—
 Johns Hopkins. Vols. 29—
 Mich. Vols. 1—
 Minn. Vols. 1—
 Neb. Vols. 1—
 N. Y. Pub. Vols. 1—
 Pa. Vols. 1—
 Princeton. Vols. 1—
 Stanford. Vols. 1—
 Wis. Vols. 1-8, 30-37, 39—
 Yale. Vols. 1—
 Yerkes. Vols. 39—

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Amer. Phil. Soc. Vols. 1-16.	Ill. Vols. 1-16.
Columbia. Vols. 1-16.	Naval Ac. Vols. 13-16.
Congress. Vols. 1-16.	N. Y. Pub. Vols. 1-16.
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Calif. 1894—	Neb. 1894—
Chicago. 1894—	N. Y. Pub. 1894—
Clark. 1894—	Pa. 1895—
Columbia. 1894—	Princeton. 1894—
Congress. 1894—	Stanford. 1894—
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Columbia. 1894—	Northwestern. 1910—
Congress. 1894—	Pa. 1894-1897.
Cornell. 1894—	Princeton. 1894—
Crerar. 1895—	Stanford. 1894—
Harvard. 1894—	Wesleyan. 1894—
Ill. 1894—	Wis. 1894—
Indiana. 1899—	Yale. 1894—

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Ill. Vols. 1-15.	

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 Calif. Ser. 2, Vols. 17—
 Congress. Ser. 2, Vols. 1-17.

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 Pa. Ser. 2, Vols. 8-11, 13.
 Yale. Ser. 2, Vols. 1—

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 Bureau Standards. 1903—
 Calif. 1852—
 Chicago. 1842—
 Columbia. 1856-1863, 1866-1904.
 Congress. 1814-1816, 1817-1823, 1824-
 1828, 1829-1831, 1832-1837, 1838—
 Crerar. 1845—
 Harvard. 1843—

Ill. 1910.
 Iowa. 1888, 1898, 1900-1901, 1908-1909,
 1911, 1913—
 Johns Hopkins. 1871-1903, 1905, 1909—
 Minn. 1857—
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 Yale. 1814-1911.

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 Columbia. Ser. 1.
 Congress. Ser. 1; Ser. 4-7; Ser. 8, Vols. 1—
 Crerar. Ser. 1-7; Ser. 8, Vols. 1—

Harvard. Ser. 3, Vols. 1-4; Ser. 4, Vols. 8-11; Ser. 5, Vols. 1-3, 5, 9-12; Ser. 6-7; Ser. 8, Vols. 1—
 Johns Hopkins. Ser. 6, Vols. 8-12; Ser. 7, Vols. 1-6, 9-12; Ser. 8, Vols. 1—
 Minn. Ser. 4-6; Ser. 7, Vol. 1.
 N. Y. Pub. Ser. 1, Vols. 1-10.
 Wis. Ser. 7, Vols. 1-6, 8-12; Ser. 8, Vols. 1—
 Yale. Ser. 1-5; Ser. 6, Vols. 1-6; Ser. 7, Vols. 1-10; Ser. 8, Vols. 1—

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 Calif. 1889-1904, 1910—
 Columbia. 1901-1905, 1907.
 Congress. 1889-1891, 1893—
 Cornell. 1901—
 Crerar. 1901—

Harvard. 1889-1909.
 Johns Hopkins. 1908—
 Kansas. 1901-1908, 1910—
 N. Y. Pub. 1910, 1912—
 Wis. 1893, 1894, 1898—
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Calif. Vols. 1-29, 31—	Neb. Vols. 1—
Chicago. Vols. 1—	N. Y. Pub. Vols. 1—
Clark. Vols. 1—	Princeton. Vols. 1—
Columbia. Vols. 1—	Stanford. Vols. 1—
Congress. Vols. 1—	Wesleyan. Vols. 32—
Cornell. Vols. 1—	Wis. Vols. 3, 7, 9-10, 12-13, 15-17, 19-31, 33—
Crerar. Vols. 1—	Yale: Vols. 1-28.
Harvard. Vols. 1—	

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Amer. Phil. Soc. Vols. 1—	Kansas. Vols. 44-59, 61—
Bureau Standards. Vols. 57—	Mich. Vols. 1—
Calif. Vols. 1—	Minn. Vols. 1—
Chicago. Vols. 1—	Mo. Vols. 54—
Clark. Vols. 1—	Neb. Vols. 1—
Columbia. Vols. 1—	N. Y. Pub. Vols. 1-42, 49—
Congress. Vols. 1-53, 55—	Princeton. Vols. 1—
Cornell. Vols. 1—	Stanford. Vols. 1—
Crerar. Vols. 1—	Wesleyan. Vols. 1—
Harvard. Vols. 1—	Wis. Vols. 1—
Ill. Vols. 1—	Yale. Vols. 1—
Indiana. Vols. 63—	

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Ser. 3, Vols. 1—	Johns Hopkins. Ser. 2, Vols. 6-20; Ser. 3, Vols. 1—
Amer. Phil. Soc. Ser. 2, Vols. 3-20; Ser. 3, Vols. 1—	Mich. Ser. 3, Vols. 8—
Calif. Ser. 2, Vols. 12-13, 15; Ser. 3, Vols. 3—	N. Y. Pub. Ser. 1-2; Ser. 3, Vols. 1—
Chicago. Ser. 1, Vols. 1-2, 4-7, 16.	Pa. Ser. 1, Vol. 8; Ser. 2, Vols. 7-8.
Clark. Ser. 1-2; Ser. 3, Vols. 1—	Texas. Ser. 2, Vols. 18-20; Ser. 3, Vols. 1—
Columbia. Ser. 1-2; Ser. 3, Vols. 1—	Wis. Ser. 2, Vols. 4, 6-9, 11, 12, 14-20; Ser. 3, Vols. 1—
Congress. Ser. 1-2; Ser. 3, Vols. 1—	Yale. Ser. 1, Vols. 1-16, 18-20; Ser. 2; Ser. 3, Vols. 1—
Crerar. Ser. 1-2; Ser. 3, Vols. 1—	
Harvard. Ser. 1-2; Ser. 3, Vols. 1—	

MATHEMATISCHE UND NATURWISSENSCHAFTLICHE. BERICHTE AUS UNGARN.

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Vols. 1 (1882-1883)—

- | | |
|--------------------------------|----------------------------|
| Amer. Math. Soc. Vols. 1-29. | Johns Hopkins. Vols. 3-19. |
| Amer. Phil. Soc. Vols. 1— | Mich. Vols. 1-29. |
| Bureau Standards. Vols. 21-24. | N. Y. Pub. Vols. 13-27. |
| Calif. Vols. 19— | Pa. Vol. 3. |
| Chicago. Vols. 1— | Stanford. Vols. 25-29. |
| Columbia. Vol. 7. | Texas. Vols. 12-28. |
| Congress. Vols. 1-26, 29. | Wis. Vols. 17— |
| Crerar. Vols. 1— | Yale. Vols. 1— |
| Ill. Vols. 1— | |

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|--|---|
| Amer. Math. Soc. Ser. 3, Vols. 10— | Cornell. Ser. 1-2; Ser. 3, Vols. 1— |
| Amer. Phil. Soc. Ser. 1-2; Ser. 3, Vols. 1— | Crerar. Ser. 3, Vols. 9— |
| Calif. Ser. 1-2; Ser. 3, Vols. 1— | Harvard. Ser. 1-2; Ser. 3, Vols. 1— |
| Chicago. Ser. 1, Vols. 1-2, 4-6; Ser. 2; Ser. 3, Vols. 1-3, 6. | Ill. Ser. 3, Vols. 12— |
| Clark. Ser. 1-2; Ser. 3, Vols. 1— | Johns Hopkins. Ser. 3, Vols. 14— |
| Columbia. Ser. 1-2; Ser. 3, Vols. 1— | N. Y. Pub. Ser. 3, Vols. 1— |
| Congress. Ser. 1-2. | Wis. Ser. 1, Vols. 4-6; Ser. 2, Vols. 1-3; Ser. 3, Vols. 1— |
| | Yale. Ser. 1-2; Ser. 3, Vols. 1— |

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Rendiconti. Ser. 1, Classe di Scienze Matematiche e Naturali, Vols. 1-4 (1864-1867); Ser. 2, Vols. 1 (1868)— (Ser. 2 is not divided into classes.)

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|---|---------------------------------|
| Amer. Math. Soc. Ser. 2, Vols. 33— | Ill. Ser. 2, Vols. 42— |
| Calif. Ser. 1; Ser. 2, Vols. 1— | Iowa. Ser. 2, Vols. 36— |
| Chicago. Ser. 1; Ser. 2, Vols. 1-2, 5-32. | Johns Hopkins. Ser. 2, Vols. 1— |
| Clark. Ser. 1; Ser. 2, Vols. 1— | N. Y. Pub. Ser. 2, Vols. 1— |
| Columbia. Ser. 1; Ser. 2, Vols. 1— | Princeton. Ser. 2, Vols. 1— |
| Congress. Ser. 2, Vols. 1— | Stanford. Ser. 2, Vols. 15-18. |
| Cornell. Ser. 1; Ser. 2, Vols. 1— | Wis. Ser. 1; Ser. 2, Vols. 1— |
| Crerar. Ser. 2, Vols. 34— | Yale. Ser. 1; Ser. 2, Vols. 1— |
| Harvard. Ser. 1, Vol. 3; Ser. 2, Vols. 1-2, 17, 23, 25, 31, 45. | |

MONATSHEFTE FÜR MATHEMATIK UND PHYSIK. *Wien (Vienna.)*

Vols. 1 (1890) —

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|---------------------------|-------------------------|
| Amer. Math. Soc. Vols. 1— | Johns Hopkins. Vols. 1— |
| Calif. Vols. 1— | Kansas. Vols. 1— |
| Catholic. Vols. 6-8. | Mich. Vols. 1— |
| Chicago. Vols. 1— | Mo. Vols. 1— |
| Clark. Vols. 1— | N. Y. Pub. Vols. 1— |
| Columbia. Vols. 1— | Pa. Vols. 14— |
| Cornell. Vols. 1— | Princeton. Vols. 1— |
| Crerar. Vols. 1-9, 11— | Stanford. Vols. 1— |
| Harvard. Vols. 1— | Texas. Vols. 1-23, 26— |
| Ill. Vols. 1— | Wis. Vols. 1— |
| Indiana. Vols. 20— | Yale. Vols. 1— |

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Amer. Math. Soc. Vols. 14—	Ill. Vols. 1—
Amer. Phil. Soc. Vols. 1-14	Johns Hopkins. Vols. 1—
Calif. Vols. 1—	Mich. Vols. 1—
Chicago. Vols. 1—	Minn. Vols. 1—
Clark. Vol. 8.	N. Y. Pub. Vols. 1—
Columbia. Vols. 1—	Pa. Vols. 2, 5-6.
Congress. Vols. 1—	Princeton. Vols. 1—
Cornell. Vols. 1—	Stanford. Vols. 1—
Crerar. Vols. 1—	Wesleyan. Vols. 26—
Harvard. Vols. 1—	Yale. Vols. 1-9, 23—

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Calif. Vols. 1—	Minn. Vols. 1—
Chicago. Vols. 1-40, 43—	Mo. Vols. 31—
Clark. Vols. 1—	Nebraska. Vols. 35—
Coast Geodetic. Vols. 1—	N. Y. Pub. Vols. 1—
Columbia. Vols. 1—	Pa. Vols. 1-25.
Congress. Vols. 1—	Princeton. Vols. 1—
Cornell. Vols. 1—	Rochester. Vols. 41—
Crerar. Vols. 1—	Stanford. Vols. 3—
Harvard. Vols. 1—	Wesleyan. Vols. 1—
Ill. Vols. 1—	Wis. Vols. 3, 5-12, 14—
Iowa. Vols. 40—	Yale. Vols. 1—

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Atti. Ser. 1, Vols. 1-9 (1861-1882); Ser. 2, Vols. 1 (1888)—

Amer. Math. Soc. Ser. 2, Vols. 8—	Johns Hopkins. Ser. 1; Ser. 2, Vols. 1-9, 13—
Columbia. Ser. 1.	Mich. Ser. 1; Ser. 2, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1-10, 12—	Minn. Ser. 2, Vols. 1-6, 8—
Crerar. Ser. 1; Ser. 2, Vols. 1—	N. Y. Pub. Ser. 2, Vols. 8—
Harvard. Ser. 1; Ser. 2, Vols. 1—	Yale. Ser. 1; Ser. 2, Vols. 1—
Ill. Ser. 2, Vols. 14—	
Iowa. Ser. 2, Vols. 10—	

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Amer. Phil. Soc. Ser. 3, Vols. 1—	Kansas. Ser. 3, Vols. 14-15.
Calif. Ser. 1; Ser. 2, Vols. 2-8; Ser. 3, Vols. 1—	Mich. Ser. 1-2; Ser. 3, Vols. 1—
Chicago. Ser. 1, Vols. 1-2, 4.	Minn. Ser. 2; Ser. 3, Vols. 3-5, 10-13, 16-17, 22—
Columbia. Ser. 1-2; Ser. 3, Vols. 1—	N. Y. Pub. Ser. 1-2; Ser. 3, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 3, Vols. 9—
Crerar. Ser. 1-2; Ser. 3, Vols. 1—	Rochester. Ser. 2, Vols. 5-8; Ser. 3, Vols. 1—
Harvard. Ser. 1-2; Ser. 3, Vols. 1—	Yale. Ser. 1-2; Ser. 3, Vols. 1—
Ill. Ser. 3, Vols. 22—	
Iowa. Ser. 3, Vols. 7-13, 16—	

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Comptes Rendus. Vols. 1 (1835)—

Adelbert. Vols. 1—	Johns Hopkins. Vols. 80—
Amer. Math. Soc. Vols. 1-65, 136—	Mich. Vols. 1—
Amer. Phil. Soc. Vols. 1—	Minn. Vols. 1—
Brown. Vols. 1—	Mo. Vols. 1—
Bryn Mawr. Vols. 1—	Naval Ac. Vols. 1—
Bureau Standards. Vols. 80—	Neb. Vols. 1—
Calif. Vols. 1—	N. Y. Pub. Vols. 1—
Case. Vols. 152—	Northwestern. Vols. 1—
Catholic. Vols. 120—	Pa. Vols. 1—
Chicago. Vols. 1—	Princeton. Vols. 1—
Clark. Vols. 1—	Rochester. Vols. 138—
Coast Geodetic. Vols. 1—	Stanford. Vols. 1-141, 143—
Columbia. Vols. 1—	Syracuse. Vols. 1-75, 97-98, 101-103, 106-109, 118, 146—
Congress. Vols. 1—	Texas. Vols. 1—
Cornell. Vols. 1—	Vassar. Vols. 1—
Crerar. Vols. 1—	Virginia. Vols. 121—
Dudley. Vols. 86—	Wash. Vols. 80—
Harvard. Vols. 1—	Wash. (St. Louis.) Vols. 1—
Haverford. Vols. 90—91, 124—	Wesleyan. Vols. 1—
Idaho. Vols. 162—	Wis. Vols. 1—
Ill. Vols. 1—	Yale. Vols. 1—
Indiana. Vols. 1—	Yerkes. Vols. 124—
Iowa. 124-149, 151—	

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Calif. Ser. 2, Vols. 1.	Harvard. Ser. 1; Ser. 2, Vols. 1—
Chicago. Ser. 1, Vols. 1-7, 9-10, 14; Ser. 2, Vols. 1, 3, 11-20, 39.	Ill. Ser. 1; Ser. 2, Vols. 1—
Columbia, Ser. 1; Ser. 2, Vols. 1—	Mich., Ser. 1.
Congress. Ser. 1; Ser. 2, Vols. 1-48.	N. Y. Pub. Ser. 1; Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 2, Vols. 21, 42, 45-49.
Crerar. Ser. 1; Ser. 2, Vols. 1—	Yale. Ser. 1; Ser. 2, Vols. 1-45.

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Amer. Phil. Soc. Ser. 1; Ser. 2, Vols. 1—	Ill. Ser. 1; Ser. 2, Vols. 1—
Columbia. Ser. 1; Ser. 2, Vols. 1—	Mich. Ser. 1; Ser. 2, Vols. 1—
Congress. Ser. 1; Ser. 2, Vols. 1—	Pa. Ser. 2, Vols. 30-31.
Cornell. Ser. 2, Vols. 1—	Princeton. Ser. 1; Ser. 2, Vols. 1—
Crerar. Ser. 1; Ser. 2, Vols. 1—	Wis. Ser. 1, Vol. 2.
Harvard. Ser. 1; Ser. 2, Vols. 1—	Yale. Ser. 1; Ser. 2, Vols. 1-32.

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Annales Scientifiques. Ser. 1, Vols. 1-7 (1864-1870); Ser. 2, Vols. 1-12 (1872-1883);
Ser. 3, Vols. 1 (1884)—

Adelbert. Ser. 1-2; Ser. 3, Vols. 1—
Brown. Ser. 3, Vols. 29—
Bryn Mawr. Ser. 1-2; Ser. 3, Vols. 1—
Calif. Ser. 1-2; Ser. 3, Vols. 1—
Chicago. Ser. 1-2; Ser. 3, Vols. 1—
Clark. Ser. 1-2; Ser. 3, Vols. 1—
Columbia. Ser. 1-2; Ser. 3, Vols. 1—
Cornell. Ser. 1-2; Ser. 3, Vols. 1—
Crerar. Ser. 1-2; Ser. 3, Vols. 1—
Harvard. Ser. 1-2; Ser. 3, Vols. 1—
Ill. Ser. 1-2; Ser. 3, Vols. 1—
Indiana. Ser. 1-2; Ser. 3, Vols. 1—
Johns Hopkins. Ser. 2, Vols. 1-8, 11-12;
Ser. 3, Vols. 1—

Kansas. Ser. 1-2; Ser. 3, Vols. 1-26, 32—
Mich. Ser. 1-2; Ser. 3, Vols. 1—
Minn. Ser. 1-2; Ser. 3, Vols. 1—
Mo. Ser. 1-2; Ser. 3, Vols. 1—
N. Y. Pub. Ser. 1-2; Ser. 3, Vols. 1—
Northwestern. Ser. 3, Vols. 23—
Pa. Ser. 1-2; Ser. 3, Vols. 1—
Princeton. Ser. 1-2; Ser. 3, Vols. 1—
Stanford. Ser. 1-2; Ser. 3, Vols. 1—
Texas. Ser. 1-2; Ser. 3, Vols. 1-10, 31—
Wesleyan. Ser. 1-2; Ser. 3, Vols. 1—
Wis. Ser. 1-2; Ser. 3, Vols. 1—
Yale. Ser. 1-2; Ser. 3, Vols. 1—

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20-64; Ser. 2, Vols. 1—
Amer. Phil. Soc. Ser. 1; Ser. 2, Vols. 1—
Bureau Standards. Ser. 2, Vols. 13—
Calif. Ser. 1; Ser. 2, Vols. 1—
Catholic. Ser. 2, Vols. 1—
Chicago. Ser. 1; Ser. 2, Vols. 1—
Clark. Ser. 1; Ser. 2, Vols. 1—
Columbia. Ser. 1; Ser. 2, Vols. 1—
Congress. Ser. 1, Vols. 1-9, 11-64;
Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—
Crerar. Ser. 1; Ser. 2, Vols. 1—
Harvard. Ser. 1; Ser. 2, Vols. 1—
Ill. Ser. 1; Ser. 2, Vols. 1—
Indiana. Ser. 1; Ser. 2, Vols. 1—

Johns Hopkins. Series 1, Vols. 31, 45-64;
Ser. 2, Vols. 1—
Kansas. Ser. 1; Ser. 2, Vols. 1—
Mich. Ser. 1; Ser. 2, Vols. 1—
Minn. Ser. 2, Vols. 16—
Mo. Ser. 2, Vols. 13—
N. Y. Pub. Ser. 1; Ser. 2, Vols. 1—
Pa. Ser. 1; Ser. 2, Vols. 1-7, 9—
Princeton. Ser. 1; Ser. 2, Vols. 1—
Stanford. Ser. 1; Ser. 2, Vols. 1—
Texas. Ser. 1; Ser. 2, Vols. 1-5.
Wash. (St. Louis.) Ser. 2, Vols. 14—
Wesleyan. Ser. 1.
Wis. Ser. 1; Ser. 2, Vols. 1—
Yale. Ser. 1, Vols. 1-64; Ser. 2, Vols. 1—

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Bulletin. Ser. 1, Vols. 1-3 (1789-1805); Ser. 2, Vols. 1-3 (1807-1813); Ser. 3, Vols.
1-13 (1814-1826); Ser. 4, Vols. 1-2 (1832-1833); Ser. 5, Vols. 1-28 (1836-1863);
Ser. 6, Vols. 1-12 (1864-1876); Ser. 7, Vols. 1-12 (1876-1888); Ser. 8, Vols. 1-10
(1888-1898); Ser. 9, Vols. 1-10 (1898-1908); Ser. 10, Vols. 1 (1909)— (Ser. 2, Ser. 3,
Vols. 12-13, and Ser. 4 are called *Nouveau Bulletin*, and Ser. 5 is called *Extrait des*
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Amer. Math. Soc. Ser. 9; Ser. 10, Vols.
1—
Amer. Phil. Soc. Ser. 2, Vol. 1; Ser. 4,
Vol. 1.
Calif. Ser. 10, Vols. 1—
Chicago. Ser. 3, Vol. 13; Ser. 4-5; Ser.
8, Vols. 7-8.
Columbia. Ser. 1-7; Ser. 8, Vols. 1-8.
Congress. Ser. 2, Vols. 1-2; Ser. 3, Vols.
10-12; Ser. 4; Ser. 5, Vols. 13-26;
Ser. 6, Vols. 2-7; Ser. 7, Vols. 3-12;
Ser. 8-9; Ser. 10, Vols. 2-4.

Crerar. Ser. 1-9; Ser. 10, Vols. 1—
Harvard. Ser. 1-4; Ser. 6, Vols. 10-12;
Ser. 7; Vols. 1-3, 9.
N. Y. Pub. Ser. 1-3; Ser. 8, Vols. 9-10;
Ser. 9; Ser. 10, Vols. 1—
Wis. Ser. 9, Vol. 9; Ser. 10, Vols. 2—
Yale. Ser. 1-4; Ser. 5, Vols. 1-3, 10-15,
27-28; Ser. 6, Vols. 1-2, 9, 11-12; Ser.
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Ser. 4, Vols. 1-2; Ser. 5, Vols. 3-25;
Ser. 6, Vols. 1—

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Bryn Mawr. Ser. 1-5; Ser. 6, Vols. 1—

Calif. Ser. 1-5; Ser. 6, Vols. 1—

Chicago. Ser. 2, Vols. 9-10; Ser. 3.

Columbia. Ser. 1-5; Ser. 6, Vols. 1—

Congress. Ser. 3-5; Ser. 6, Vols. 1-3, 5.

Cornell. Ser. 3-5; Ser. 6, Vols. 1—

Crerar. Ser. 1-5; Ser. 6, Vols. 1—

Harvard. Ser. 1, 3-5; Ser. 6, Vols. 1—

Ill. Ser. 5, Vols. 14-17, 25; Ser. 6, Vols. 4—

Iowa. Ser. 5, Vols. 14-16; Ser. 6, Vol. 5.

Mich. Ser. 1-5; Ser. 6, Vols. 1—

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Mo. Ser. 6, Vols. 1—

Neb. Ser. 5, Vols. 1-3, 17-25; Ser. 6, Vols. 1—

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Pa. Ser. 3, Vols. 1-30; Ser. 4; Ser. 5, Vols. 1-4, 6-25; Ser. 6, Vols. 1—

Rochester. Ser. 4-5; Ser. 6, Vols. 1—

Wis. Ser. 5, Vols. 10-25; Ser. 6, Vols. 1—

Yale. Ser. 1-5; Ser. 6, Vols. 1—

Yerkes. Ser. 5, Vols. 12-25; Ser. 6, Vols. 1—

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Columbia. Ser. 1-3, 6-7; Ser. 8, Vols. 1-19, 24-25, 30—

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Crerar. Ser. 8, Vols. 2-20, 22-25, 30, 34—

Harvard. Ser. 5.

Ill. Ser. 7; Ser. 8, Vols. 1-19, 22—

Iowa. Ser. 8, Vols. 11-18, 22-25, 30.

Mich. Ser. 7, Vols. 1-5, 7, 42.

Naval Ac. Ser. 1; Ser. 2, Vol. 1; Ser. 3.

Neb. Ser. 8, Vols. 1—

N. Y. Pub. Ser. 5-7; Ser. 8, Vols. 1—

Pa. Ser. 7, Vol. 21.

Wis. Ser. 7, Vols. 1-25, 27-42; Ser. 8, Vols. 1—

Yale. Ser. 1-7; Ser. 8, Vols. 1—

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Congress. 1876—	Stanford. 1912—
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Congress. 1859—	Pa. 1895-1896.
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Calif. Vols. 1—	Minn. Vols. 1—
Chicago. Vols. 1—	Mo. Vols. 16—
Clark. Vols. 1—	N. Y. Pub. Vols. 1—
Columbia. Vols. 1—	Stanford. Vols. 14—
Congress. Vols. 1—	Wis. Vols. 1—
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Vols. 1-26 (1900-1912).

Amer. Math. Soc. Vols. 1-26.	N. Y. Pub. Vols. 3-26.
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ROMA. PONTIFICIA ACCADEMIA DEI NUOVI LINCEI.

Atti. Vols. 1 (1847-1848)—

Amer. Math. Soc. Vols. 1, 48—	Harvard. Vols. 1-29, 33-34, 37-41, 43-44, 46, 48—
Amer. Phil. Soc. Vols. 1-23.	Ill. Vols. 63—
Bryn Mawr. Vols. 1—	Johns Hopkins. Vols. 1-52, 60—
Calif. Vols. 1-26.	Mich. Vols. 1—
Catholic. Vols. 41—	Minn. Vols. 1-15, 17-23.
Chicago. Vols. 1, 4-6, 10-14, 18-19, 22, 24, 28-43.	N. Y. Pub. Vols. 51—
Columbia. Vols. 1-23.	Pa. Vols. 1-23.
Congress. Vols. 1—	Princeton. Vols. 1-23.
Cornell. Vols. 1—	Yale. Vols. 1—
Crerar. Vols. 1—	

ROMA. PONTIFICIA ACCADEMIA DEI NUOVI LINCEI.

Memorie. Vols. 1 (1887)—

Amer. Math. Soc. Vols. 16-18.	Crerar. Vol. 19—
Bryn Mawr. Vols. 1-17.	Mich. Vols. 1—
Catholic. Vols. 21—	Wis. Vols. 23—
Congress. Vols. 1-21.	Yale. Vols. 1-17.

ROMA. REALE ACCADEMIA DEI LINCEI.

Atti. Ser. 1, Vols. 24-26 (1870-1873); Ser. 2, Vols. 1-8 (1873-1877). Continued, Ser. 3—, as (1) *Transunti and Rendiconti*, (2), *Memorie*, listed separately below. Ser. 1, Vols. 1-23 are identical with the *Atti*, Pontificia Accademia dei Nuovi Lincei, Vols. 1-23, given separately above and not included in this particular list.

Amer. Phil. Soc. Ser. 1-2.	Cornell. Ser. 1-2.
Bryn Mawr. Ser. 1-2.	Harvard. Ser. 1-2.
Calif. Ser. 1-2.	Ill. Ser. 2.
Chicago. Ser. 1, Vols. 24-25; Ser. 2, Vols. 3-7.	Minn. Ser. 1; Ser. 2.
Columbia. Ser. 1-2.	N. Y. Pub. Ser. 2.
Congress. Ser. 1-2.	Princeton. Ser. 1-2.
	Yale. Ser. 2.

ROMA. REALE ACCADEMIA DEI LINCEI.

Atti: *Transunti, Rendiconti*. Ser. 3, *Transunti*, Vols. 1-8 (1877-1884); Ser. 4, *Rendiconti*, Vols. 1-7 (1884-1891); Ser. 5, *Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali*, Vols. 1 (1892)— (Part of the *Atti*, Ser. 3-5.)

Amer. Math. Soc. Ser. 5, Vols. 1-7, 9—	Congress. Ser. 3-4; Ser. 5, Vols. 1—
Amer. Phil. Soc. Ser. 3; Ser. 4, Vols. 1, 3, 6-7; Ser. 5, Vols. 1—	Cornell. Ser. 3-4; Ser. 5, Vols. 1—
Bryn Mawr. Ser. 3-4; Ser. 5, Vols. 1—	Crerar. Ser. 5, Vols. 1—
Bureau Standards. Ser. 5, Vols. 14—	Harvard. Ser. 3-4; Ser. 5, Vols. 1—
Calif. Ser. 4; Ser. 5, Vols. 1-20, 21 (2d sem.), 22—	Ill. Ser. 3-4; Ser. 5, Vols. 1—
Catholic. Ser. 5, Vols. 13-15.	Indiana. Ser. 5, Vols. 20—
Chicago. Ser. 3-4; Ser. 5, Vols. 4, 9-10, 15—	Johns Hopkins. Ser. 3-4; Ser. 5, Vols. 1-4, 7—
Columbia. Ser. 3-4; Ser. 5, Vols. 1—	Kansas. Ser. 5, Vols. 1—
	Mich. Ser. 4; Ser. 5, Vols. 1—
	Minn. Ser. 3-4; Ser. 5, Vols. 1-5.

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| Neb. Ser. 5, Vols. 10-17. | Texas. Ser. 5, Vols. 6— |
| N. Y. Pub. Ser. 3-4; Ser. 5, Vols. 1— | Wis. Ser. 5, Vols. 1-3, 5-7, 9-20, 22— |
| Northwestern. Ser. 5, Vols. 19— | Yale. Ser. 3-4; Ser. 5, Vols. 1— |
| Pa. Ser. 4; Ser. 5, Vols. 1— | Yerkes. Ser. 5, Vols. 10-18, 19 (1st sem.), |
| Princeton. Ser. 3-4; Ser. 5, Vols. 1-23 | 20, 21 (2d sem.), 22 (1st sem.), 23— |
| (1st sem.), 24 (1st sem.), 25— | |

ROMA. REALE ACCADEMIA DEI LINCEI.

Atti: Memorie, Classe di Scienze Fisiche, Matematiche e Naturali. Ser. 3, Vol. 1-19 (1876-1884); Ser. 4, Vols. 1-7 (1884-1890); Ser. 5, Vols. 1 (1894)— (Part of Atti, Ser. 3-5).

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| Amer. Phil. Soc. Ser. 3-4; Ser. 5, Vols. 1— | Harvard. Ser. 3-4; Ser. 5, Vols. 1— |
| Bryn Mawr. Ser. 3-4; Ser. 5, Vols. 1— | Ill. Ser. 3-4; Ser. 5, Vols. 1— |
| Calif. Ser. 3-4; Ser. 5, Vols. 1— | Johns Hopkins. Ser. 5, Vols. 1-9, 11— |
| Chicago. Ser. 5, Vols. 6— | Mich. Ser. 3-4; Ser. 5, Vols. 1— |
| Columbia. Ser. 3-4; Ser. 5, Vols. 1— | Minn. Ser. 3-4; Ser. 5, Vols. 1— |
| Congress. Ser. 3; Ser. 4, Vols. 1-6; Ser. 5, Vols. 1— | N. Y. Pub. Ser. 3-4; Ser. 5, Vols. 1— |
| Cornell. Ser. 3-4. | Northwestern. Ser. 3, Vols. 1-10, 16-17. |
| Crerar. Ser. 3-4; Ser. 5, Vols. 1— | Pa. Ser. 3, Vol. 8; Ser. 4, Vol. 1. |
| | Princeton. Ser. 3-4; Ser. 5, Vols. 1— |
| | Yale. Ser. 3-4; Ser. 5, Vols. 1-8. |

ROMA. SOCIETÀ ITALIANA DELLE SCIENZE.

Memorie di Matematica e di Fisica. Ser. 1, Vols. 1-25 (1782-1855); Ser. 2, Vols. 1-2 (1862-1866); Ser. 3, Vols. 1 (1867)—

- | | |
|--|---|
| Amer. Math. Soc. Ser. 3, Vols. 1-2, 12— | N. Y. Pub. Ser. 1, Vols. 1-24; Ser. 3, Vols. 11— |
| Amer. Phil. Soc. Ser. 1, Vols. 1-2; Ser. 2, Vols. 1-2; Ser. 3, Vols. 1-2, 4— | Princeton. Ser. 1, Vols. 1-14; Ser. 2; Ser. 3, Vols. 1— |
| Columbia. Ser. 1, Vols. 1-19; Ser. 2, Vol. 1; Ser. 3, Vols. 7, 9-10. | Wis. Ser. 1-2; Ser. 3, Vols. 3— |
| Congress. Ser. 1-2; Ser. 3, Vols. 1— | Yale. Ser. 1, Vols. 1-20; Ser. 2; Ser. 3, Vols. 1— |
| Ill. Ser. 3, Vols. 1— | |

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| Adelbert. Vols. 180— | Coast Geodetic. Vols. 1-206, 208— |
| Amer. Math. Soc. Vols. 192— | Columbia. Vols. 1-6, 46—; also Vols. 1-90 abridged. |
| Amer. Phil. Soc. Vols. 1— | Congress. Vols. 1— |
| Brooklyn Pub. Vols. 1-3, 47-90, 179-207, 209— | Cornell. Vols. 1-46 (abridged); Vols. 47-89, 91— |
| Brown. Vols. 84, 91-167, 169—; also Vols. 1-90 abridged. | Crerar. Vols. 168— |
| Bryn Mawr. Vols. 125— | Dudley. Vols. 36-43, 47-68, 70-78, 91-127. |
| Bureau Standards. Vols. 158— | Harvard. Vols. 1— |
| Calif. Vols. 1-46 (abridged); 47— | Ill. Vols. 1-3, 58— |
| Chicago. Vols. 1— | Indiana. Vols. 1-90 (abridged); 91-205. |
| Clark. Vols. 1— | |

Iowa. Vols. 90-187, 189—	Purdue. Vols. 158—
Johns Hopkins. Vols. 1-90 (abridged); 120—	Stanford. Vols. 91—
Kansas. Vols. 163—	Syracuse. Vols. 1-90 (abridged); 119— 150, 158-178, 206.
Mich. Vols. 178—	Texas. Vols. 209—
Minn. Vols. 198—	Vassar. Vols. 161—
Mo. Vols. 150—	Virginia. Vols. 1— (nearly complete).
Naval Ac. Vols. 1-90 (abridged); 91—	Wash. Vols. 1—
Neb. Vols. 1—	Wesleyan. Vols. 1—
N. Y. Pub. Vols. 1—	Wis. Vols. 1-104, 106-107, 124-126, 128—
Pa. Vols. 1—; also Vols. 1-90 abridged.	Yale. Vols. 1-10, 13-18, 20-24, 31-32, 34-35, 40, 43—
Phila. Pub. Vols. 1-7, 9-10.	Yerkes. Vols. 199—
Princeton. Vols. 1-10, 31—	

ROYAL SOCIETY OF LONDON.

Proceedings. Vols. 1-75 (1800-1905); Ser. A, Mathematical and Physical Papers,
Vols. 76 (1905)—

Adelbert. Vols. 1-74, 76—	Kansas. Vols. 50—
Amer. Phil. Soc. Vols. 1—	Mich. Vols. 76—
Amer. Math. Soc. Vols. 62—	Minn. Vols. 5—
Brooklyn Pub. Vols. 1-67, 69-70, 73-82, 84—	Mo. Vols. 7—
Brown. Vols. 1—	Naval Ac. Vols. 1—
Bryn Mawr. Vols. 1—	Neb. Vols. 1—
Bureau Standards. Vols. 7—	N. Y. Pub. Vols. 1—
Calif. Vols. 1—	Northwestern. Vols. 1—
Catholic. Vols. 57—	Pa. Vols. 1—
Chicago. Vols. 1—	Princeton. Vols. 1—
Clark. Vols. 1—	Rochester. Vols. 50—
Coast Geodetic. Vols. 1-85, 90—	Stanford. Vols. 7—
Cornell. Vols. 1—	Syracuse. Vols. 69—
Columbia. Vols. 1—	Texas. Vols. 76-87.
Congress. Vols. 1—	Throop. Vols. 92—
Crerar. Vols. 1—	Vassar. Vols. 66—
Harvard. Vols. 1—	Virginia. Vols. 1— (nearly complete).
Ill. Vols. 1—	Wash. Vols. 1—
Indiana. Vols. 1—	Wesleyan. Vols. 1—
Iowa. Vols. 1—	Wis. Vols. 1—
Johns Hopkins. Vols. 1—	Yale. Vols. 1—
	Yerkes. Vols. 1—

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Amer. Math. Soc. Vols. 1-2.	Johns Hopkins. Vols. 1-16, 18—
Amer. Phil. Soc. Vols. 1—	Naval Ac. Vols. 1-2.
Brooklyn Pub. Vols. 1-2.	N. Y. Pub. Vols. 1-2, 4, 6, 15.
Calif. Vols. 1—	Rochester. Vols. 1-2.
Columbia. Vols. 1-5, 7, 9-10, 18—	Texas. Vols. 1-2.
Congress. Vols. 1-8.	Wis. Vols. 1-2.
Crerar. Vols. 1—	Yale. Vols. 1-8.
Harvard. Vols. 1—	

STOCKHOLM. KONGLIGA SVENSKA VETENSKAPS-ÅKADEMIE.

Handlingar, Bihang. Vols. 1-11 (1872-1887); Afdeling I: Matematik, Astronomi, Mekanik, Vols. 12-28 (1886-1903).

Amer. Math. Soc. Vols. 12-28.
 Amer. Phil. Soc. Vols. 1-28.
 Calif. Vols. 1-28.
 Columbia. Vols. 1-28.
 Congress. Vols. 1-28.
 Cornell. Vols. 1-28.

Crerar. Vols. 1-28.
 Harvard. Vols. 1-28.
 Minn. Vols. 12-28.
 N. Y. Pub. Vols. 22-28.
 Wis. Vols. 1-28.
 Yale. Vols. 1-28.

STOCKHOLM. KONGLIGA SVENSKA VETENSKAPS-ÅKADEMIE.

Arkiv for Matematik, Astronomi och Fysik. Vols. 1 (1903-1904)—

Amer. Math. Soc. Vols. 1—
 Amer. Phil. Soc. Vols. 1—
 Bureau Standards. Vols. 1—
 Calif. Vols. 1—
 Chicago. Vols. 2, 10—
 Clark. Vols. 1—
 Columbia. Vols. 1—
 Congress. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Ill. Vols. 1—

Indiana. Vols. 1—
 Kansas. Vols. 5—
 Johns Hopkins. Vols. 1—
 Mich. Vols. 1—
 Minn. Vols. 1—
 Mo. Vols. 1—
 N. Y. Pub. Vols. 1—
 Wash. (St. Louis.) Vols. 8—
 Wis. Vols. 1—
 Yale. Vols. 1—

STUTT GART. MATHEMATISCH-NATURWISSENSCHAFTLICHER VEREIN IN WÜRTEMBERG.

Mathematisch-Naturwissenschaftliche Mitteilungen. Ser. 1, Vols. 1-5 (1884-1892);
 Ser. 2, Vols. 1 (1899)—

Amer. Math. Soc. Ser. 1; Ser. 2, Vols. 1—
 Columbia. Ser. 1.
 Congress. Ser. 1; Ser. 2, Vols. 1—
 Crerar. Ser. 1; Ser. 2, Vols. 1—

Harvard. Ser. 1; Ser. 2, Vols. 1-11.
 Kansas. Ser. 2, Vols. 6-8, 10.
 N. Y. Pub. Ser. 2, Vols. 3—
 Wis. Ser. 2, Vols. 7-11, 13—

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Science Reports. Ser. 1 (Mathematics, Physics, Chemistry), Vols. 1 (1911-1912)—

Amer. Math. Soc. Vols. 1—
 Bureau Standards. Vols. 1—
 Calif. Vols. 1—
 Columbia. Vols. 1, 3.
 Congress. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Ill. Vols. 1—

Indiana. Vols. 6—
 Johns Hopkins. Vols. 1—
 Kansas. Vols. 1—
 Mich. Vols. 1—
 Mo. Vols. 1—
 N. Y. Pub. Vols. 1—
 Princeton. Vols. 1-2, 4—
 Stanford. Vols. 1—
 Wis. Vols. 1—

TORINO. REALE ACCADEMIA DELLE SCIENZE.

Classe di Scienze Fisiche, Matematiche e Naturali, Atti. Vols. 1 (1865-1866)—

Amer. Math. Soc. Vols. 30-48, 50—	Ill. Vols. 17-46, 50—
Amer. Phil. Soc. Vols. 1—	Iowa. Vols. 38-44, 47—
Bryn Mawr. Vols. 30—	Johns Hopkins. Vols. 14-15, 17—
Bureau Standards. Vols. 40—	Kansas. Vols. 40—
Calif. Vols. 1—	Mich. Vols. 1—
Chicago. Vols. 43—	Minn. Vols. 9—
Clark. Vols. 1—	N. Y. Pub. Vols. 1—
Congress. Vols. 42-43.	Princeton. Vols. 1—
Cornell. Vols. 1—	Texas. Vols. 28—
Crerar. Vols. 1—	Wis. Vols. 21, 23—
Harvard. Vols. 1—	Yale. Vols. 1—

TORINO. REALE ACCADEMIA DELLE SCIENZE.

Memorie. Ser. 1, Vols. 1-40 (1759-1838); Ser. 2, Classe di Scienze Fisiche, Matematiche e Naturali, Vols. 1 (1839)—

Amer. Math. Soc. Ser. 2, Vols. 48—	Ill. Ser. 1; Ser. 2, Vols. 1—
Amer. Phil. Soc. Ser. 1; Ser. 2, Vols. 1—	Johns Hopkins. Ser. 1, Vols. 36-40; Ser. 2, Vols. 21—
Chicago. Ser. 1; Ser. 2, Vols. 1—	Mich. Ser. 1; Ser. 2, Vols. 1—
Congress. Ser. 1, Vols. 1-4, 6-20, 24-40; Ser. 2, Vols. 1—	N. Y. Pub. Ser. 1; Ser. 2, Vols. 1—
Cornell. Ser. 1; Ser. 2, Vols. 1—	Princeton. Ser. 1; Ser. 2, Vols. 1—
Crerar. Ser. 1; Ser. 2, Vols. 1—	Wesleyan. Ser. 1, Vols. 2, 4-5.
Harvard. Ser. 1; Ser. 2, Vols. 1—	Yale. Ser. 1; Ser. 2, Vols. 1—

TOULOUSE. ACADEMIE DES SCIENCES, INSCRIPTIONS ET BELLES-LETTRES.

Bulletin. Vols. 1-3 (1897-1900).

Amer. Math. Soc. Vol. 3.	Harvard. Vols. 1-3.
Amer. Phil. Soc. Vols. 1-3.	Johns Hopkins. Vols. 1-3.
Calif. Vols. 1-3.	N. Y. Pub. Vols. 1-3.
Chicago. Vols. 1-3.	Rochester. Vols. 1-3.
Columbia. Vols. 1-3.	Texas. Vols. 1-3.
Congress. Vols. 1-3.	Yale. Vol. 3.
Crerar. Vols. 1-3.	

TOULOUSE. ACADEMIE DES SCIENCES, INSCRIPTIONS ET BELLES-LETTRES.

Mémoires. Ser. 1, Vols. 1-4 (1741-1790); Ser. 2, Vols. 1-6 (1807-1841); Ser. 3, Vols. 1-6 (1842-1850); Ser. 4, Vols. 1-6 (1851-1856); Ser. 5, Vols. 1-6 (1857-1862); Ser. 6, Vols. 1-6 (1862-1868); Ser. 7, Vols. 1-10 (1868-1878); Ser. 8, Vols. 1-10 (1878-1888); Ser. 9, Vols. 1-9 (1889-1897); Ser. 10, Vols. 1-12 (1901-1912); Ser. 11, Vols. 1 (1913)—

Amer. Math. Soc. Ser. 10, Vols. 1-11.	Crerar. Ser. 1-10; Ser. 11, Vols. 1—
Amer. Phil. Soc. Ser. 10; Ser. 11, Vols. 1—	Harvard. Ser. 1-10; Ser. 11, Vols. 1—
Calif. Ser. 2-10; Ser. 11, Vols. 1—	Mich. Ser. 10, Vols. 5-9.
Chicago. Ser. 1-9; Ser. 10, Vols. 1-10.	N. Y. Pub. Ser. 10, Vols. 10-11.
Columbia. Ser. 8, Vols. 3-10; Ser. 9; Ser. 10, Vols. 1-5, 7.	Rochester. Ser. 9, Vols. 2-9; Ser. 10; Ser. 11, Vols. 1—
Congress. Ser. 1, Vols. 1, 4; Ser. 2-10; Ser. 11, Vols. 1—	Yale. Ser. 7, Vols. 7, 10; Ser. 8-10; Ser. 11, Vols. 1—

TOULOUSE. FACULTÉ DES SCIENCES DE L'UNIVERSITÉ.

- Annales. Ser. 1, Vols. 1-12 (1887-1898); Ser. 2, Vols. 1-10 (1899-1908); Ser. 3, Vols. 1 (1909)—
- | | |
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| <p>Amer. Math. Soc. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Bryn Mawr. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Calif. Ser. 1-2; Ser. 3, Vols. 1-2.</p> <p>Catholic. Ser. 1, Vols. 11-12; Ser. 2, Vols. 1-2.</p> <p>Chicago. Ser. 1-2; Ser. 3, Vol. 2.</p> <p>Clark. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Columbia. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Congress. Ser. 1, Vol. 12; Ser. 2, Vols. 1-5, 7-10; Ser. 3, Vols. 1—</p> <p>Cornell. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Crerar. Ser. 1; Ser. 2, Vols. 1-9; Ser. 3, Vols. 1, 4—</p> <p>Harvard. Ser. 1-2; Ser. 3, Vols. 1—</p> | <p>Ill. Ser. 2; Ser. 3, Vols. 1—</p> <p>Johns Hopkins. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Kansas. Ser. 1; Ser. 2, Vols. 1-9.</p> <p>Mich. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Minn. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Mo. Ser. 3, Vols. 4—</p> <p>N. Y. Pub. Ser. 1, Vols. 11-12; Ser. 2; Ser. 3, Vols. 1—</p> <p>Pa. Ser. 1, Vol. 11.</p> <p>Princeton. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Stanford. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Wis. Ser. 1-2; Ser. 3, Vols. 1—</p> <p>Yale. Ser. 1-2; Ser. 3, Vols. 1—</p> |
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VENEZIA. REALE ISTITUTO VENETO DI SCIENZE, LETTERE ED ARTI.

Memorie. Vols. 1 (1845)—

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| <p>Amer. Math. Soc. Vol. 5.</p> <p>Chicago. Vols. 3, 10, 22.</p> <p>Columbia. Vols. 1—</p> <p>Congress. Vols. 1-27.</p> <p>Cornell. Vols. 1—</p> <p>Crerar. Vols. 1—</p> <p>Harvard. Vols. 1—</p> | <p>Johns Hopkins. Vols. 21—</p> <p>Mich. Vols. 1—</p> <p>Mo. Vols. 27—</p> <p>N. Y. Pub. Vols. 1—</p> <p>Pa. Vols. 23-24.</p> <p>Princeton. Vols. 1-27.</p> <p>Yale. Vols. 7-24.</p> |
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WASHINGTON. NATIONAL ACADEMY OF SCIENCES.

Proceedings. Vols. 1 (1915)—

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| <p>Adelbert. Vols. 1—</p> <p>Amer. Phil. Soc. Vol. 1.</p> <p>Boston Athenaeum. Vol. 1.</p> <p>Brown. Vols. 1—</p> <p>Bryn Mawr. Vols. 1—</p> <p>Bureau Standards. Vols. 1—</p> <p>Calif. Vols. 1—</p> <p>Case. Vols. 1—</p> <p>Chicago. Vols. 1—</p> <p>Clark. Vol. 1.</p> <p>Columbia. Vols. 1—</p> <p>Congress. Vols. 1—</p> <p>Cornell. Vols. 1—</p> <p>Crerar. Vols. 1—</p> <p>Harvard. Vols. 1—</p> <p>Haverford. Vols. 1—</p> <p>Idaho. Vols. 1—</p> <p>Illinois. Vols. 1—</p> <p>Indiana. Vols. 1—</p> <p>Iowa. Vols. 1—</p> <p>Johns Hopkins. Vols. 1—</p> <p>Mass. Tech. Vols. 1—</p> | <p>Mich. Vols. 1—</p> <p>Minn. Vols. 1—</p> <p>Missouri. Vols. 1—</p> <p>Nebraska. Vols. 1—</p> <p>N. Y. Pub. Vols. 1—</p> <p>Northwestern. Vols. 1—</p> <p>Pa. Vols. 1—</p> <p>Phila. Pub. Vols. 1—</p> <p>Princeton. Vols. 1—</p> <p>Purdue. Vols. 1—</p> <p>Rochester. Vols. 1—</p> <p>Stanford. Vols. 1—</p> <p>Syracuse. Vols. 1—</p> <p>Texas. Vols. 1—</p> <p>Throop. Vols. 1—</p> <p>Vassar. Vols. 1—</p> <p>Virginia. Vols. 1—</p> <p>Wash. (St. Louis). Vols. 1—</p> <p>Wesleyan. Vols. 1—</p> <p>Wis. Vols. 1—</p> <p>Yale. Vols. 1—</p> <p>Yerkes. Vols. 1—</p> |
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WIEN. KAISERLICHE AKADEMIE DER WISSENSCHAFTEN.

Mathematisch-Naturwissenschaftliche Classe, Sitzungsberichte. Vols. 1-42 (1848-1860); Vols. 43-96 (1861-1887), Abteilung II, Mathematik, Physik, Chemie, Physiologie, Meteorologie, physikalische Geographie und Astronomie; Vols. 97 (1888)—, Abteilung IIa, Mathematik, Astronomie, Physik, Meteorologie und Mechanik.

Amer. Math. Soc. Vols. 108—
 Amer. Phil. Soc. Vols. 55—
 Bryn Mawr. Vols. 1—
 Bureau Standards. Vols. 113—
 Calif. Vols. 1—
 Chicago. Vols. 1-38, 40, 43-46, 49—
 Clark. Vols. 1-74, 77-98, 80-82, 88-90.
 Coast Geodetic. Vols. 49-59, 62, 64—
 Columbia. Vols. 1-68, 73, 93—
 Congress. Vols. 34-37, 43-44, 46, 48, 50,
 52, 54, 63, 68-69, 79, 85-86, 88-91, 93-99,
 102-103, 105—
 Cornell. Vols. 43—
 Crerar. Vols. 1, 4—
 Harvard. Vols. 1—
 Ill. Vols. 1—
 Indiana. Vols. 120—

Iowa. Vols. 64, 66, 68, 74, 77-78, 84,
 105—
 Johns Hopkins. Vols. 81—
 Mich. Vols. 1—
 Minn. Vols. 1—
 Mo. Vols. 110—
 Neb. Vols. 1—
 N. Y. Pub. Vols. 1—
 Pa. 105-112, 116—
 Princeton. Vols. 1—
 Stanford. Vols. 1-28, 30-38, 43-44, 47—
 Texas. Vols. 69-76, 78-91, 93-95, 98,
 102—
 Wesleyan. Vols. 1-99.
 Wis. Vols. 1—
 Yale. Vols. 1—
 Yerkes. Vols. 114—

ZEITSCHRIFT FÜR MATHEMATIK UND PHYSIK. (Schlömilch.) *Leipzig.*
 Vols. 1 (1856)—

Amer. Math. Soc. Vols. 44—
 Bryn Mawr. Vols. 1—
 Calif. Vols. 1—
 Catholic. Vols. 40-45.
 Chicago. Vols. 2-6, 12-29, 38—
 Clark. Vols. 1—
 Columbia. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Ill. Vols. 1—
 Indiana. Vols. 40-41, 58—
 Johns Hopkins. Vols. 21—
 Mich. Vols. 1—

Minn. Vols. 1—
 Mo. Vols. 58—
 Naval Ac. Vols. 1-3.
 N. Y. Pub. Vols. 1—
 Northwestern. Vols. 53—
 Pa. Vols. 1—
 Princeton. Vols. 1—
 Stanford. Vols. 1—
 Texas. Vols. 31-43.
 Wash. Vols. 61—
 Wash. (St. Louis.) Vols. 58—
 Wis. Vols. 1—
 Yale. Vols. 1—
 Yerkes. Vols. 41-45.

ZEITSCHRIFT FÜR MATHEMATISCHEN UND NATURWISSENSCHAFTLICHEN UNTERRICHT.
 (Hoffmann, Schotten.) *Leipzig.*
 Vols. 1 (1870)—

Amer. Math. Soc. Vols. 13-31.
 Brown. Vols. 14-23, 25-31, 43—
 Calif. Vols. 1—
 Chicago. Vols. 1-18, 20-21, 23—
 Clark. Vols. 34—
 Columbia. Vols. 1—
 Congress. Vols. 1—
 Cornell. Vols. 1—
 Crerar. Vols. 1—
 Harvard. Vols. 1—
 Ill. Vols. 1—

Indiana. Vols. 41—
 Mich. Vols. 1—
 Mo. Vols. 41—
 N. Y. Pub. Vols. 7-13, 28—
 Pa. Vols. 25—
 Princeton. Vols. 32—
 Stanford. Vols. 1—
 Wash. Vols. 1—
 Wash. (St. Louis.) Vols. 42—
 Wis. Vols. 1—
 Yale. Vols. 30—

ZÜRICH. NATURFORSCHENDE GESELLSCHAFT.

Vierteljahrshrift. Vols. 1 (1856)—

Amer. Math. Soc. Vols. 34—

Amer. Phil. Soc. Vols. 1—

Calif. Vols. 1—

Chicago. Vols. 1-42, 51—

Columbia. Vols. 1-32, 41.

Congress. Vols. 1—

Crerar. Vols. 1—

Harvard. Vols. 1-23.

Ill. Vols. 43, 53—

Johns Hopkins. Vols. 1-51, 54—

Minn. Vols. 1—

N. Y. Pub. Vols. 1-33.

Pa. Vols. 45—

Texas. Vols. 37—

Wis. Vols. 1—

Yale. Vols. 1—

INDEX.

(The index is arranged by the usual titles, in most cases as given by the Royal Society Index, and also by the place of publication. The abbreviations of the Royal Society Index are also included as needed. Geographical names are given both in the language of the place and in the English form as adopted in publications of the United States Government.)

- Acta Mathematica, Stockholm, 10.
 Acta Mth. *See* Acta Mathematica.
 Am. Ac. P. *See* Boston, American Academy.
 American Academy of Arts and Sciences. *See* Boston.
 Am. J. Mth. *See* American Journal of Mathematics.
 American Journal of Mathematics, Baltimore, 10.
 American Mathematical Monthly, Springfield, Lancaster, Chicago, 11.
 American Mathematical Society. *See* New York.
 Amsterdam. *See* Nieuw Archief, Revue Semestrielle, Wiskundige Opgaven.
 A. Mt. *See* Annali di Matematica.
 A. Mth. *See* Annals of Mathematics.
 Analyst. *Des Moines*, 11.
 Annalen. *See* Math. Annalen.
 Annales. *See* Bruxelles, Gergonne's Annales, Nouvelles Annales, Paris, Toulouse.
 Annali di Matematica Pura ed Applicata, Milano, Roma, 12.
 Annals. *See also* Coimbra Gergonne's Annales, Annali, Math. Annalen.
 Annals of Mathematics, Princeton, 12.
 Archief. *See* Nieuw Archief.
 Archiv der Mathematik und Physik (Grunert), Leipzig, 32.
 Archiv for Mathematik og Naturvidenskab, Christiania, 32.
 Archivo de Matemáticas, Madrid, Valencia, 12.
 Arch. Mth. Ntvd. *See* Archiv for Mathematik.
 Arch. Mth. Ps. *See* Archiv der Mathematik und Physik.
 Berl. Ak. Ab. *See* Berlin, Königliche Akad., abhandlungen.
 Berl. Ak. Mb. *See* Berlin, Königliche Akad., Monatsberichte.
 Berl. Ak. Sb. *See* Berlin, Königliche Akad., Sitzungsberichte.
 Association for the Advancement of Science. *See* British.
 Baltimore. *See* Am. Journ. of Math.
 Battaglini. *See* Giornale.
 Bavaria. *See* München.
 Bayern. *See* München.
 Bb. Mth. *See* Bibliotheca Mathematica.
 Berlin, Königliche Akademie der Wissenschaften, (1) Abhandlungen 32; (2) Monatsberichte 33; (3) Sitzungsberichte 33.
 — *See also* Crelle, Jahrbuch, Deutsche Math. Verein., and Leipzig.
 Bibliotheca Mathematica, Leipzig, Stockholm, 13.
 Bil. Sc. Math. *See* Bulletin des Science Math.
- Böhm. Gs. Ws. Jbr. *See* Prag, Königliche Böhm. Gesells., Jahresberichte.
 Bollettino di Bibliografia e Storia delle Scienze Matematiche (Loria), Torino, 13.
 Bollettino di Matematica (Conti), Roma, 13.
 Bologna, Reale Accademia delle Scienze dell'Istituto, (1) Memorie, 33; (2) Rendiconto delle Sessioni 34.
 Bologna Ac. Mm. *See* Bologna.
 Bologna Ac. Sc. Mm. *See* Bologna.
 Bologna Mm. Ac. *See* Bologna.
 Bologna Mm. Ac. Sc. *See* Bologna.
 Boncompagni's Bollettino di Bibliografia e di Storia delle Scienze Matematiche e Fisiche, Roma, 34.
 Bost. Am. Ac. Mm. *See* Boston, American Academy.
 Boston, American Academy of Arts and Sciences, (1) Memoirs, 34; (2) Proceedings, 34.
 British Association for the Advancement of Science, Reports of Meetings, London, 35.
 Brussels. *See* Bruxelles.
 Brux. Ac. Bil., Brux. Ac. Sc. Mm., etc. *See* Bruxelles, Académie Royale.
 Bruxelles, Académie Royale de Belgique, (1) Bulletins 35; (2) Mémoires 36; (3) Mémoires, Classe des Sciences 36; (4) Mémoires Couronnés et autres Mémoires 36; (5) Mémoires Couronnés et Mémoires des Savants Etrangers 36.
 — Société Scientifique, Annales, 37.
 — *See* Nouvelle Corresp. Math.
 Bucharest. *See* Gazeta.
 Budapest. *See* Math. und Naturw. Berichte, Magyar Tudományos.
 Bulletin. *See also* Bollettino, Bollettino, Calcutta, Féruillac's Bulletin, Kasan, Krakow, New York, Paris, Prag.
 Bulletin des Sciences Mathématiques (Darboux), Paris, 13.
 Bollettino. *See* Boncompagni's Bollettino.
 Calcutta Mathematical Society, Bulletin, 14.
 Camb. and Dubl. Mth. J. *See* Cambridge and Dublin.
 Camb. (M.) Mth. M. *See* Mathematical Monthly.
 Camb. Mth. J. *See* (The) Cambridge Mathematical Journal.
 Camb. Ph. S. P. and Camb. Ph. S. T. *See* Cambridge Philosophical Soc.
 Cambridge and Dublin Mathematical Journal, 14.
 Cambridge Mathematical Journal, 14.
 Cambridge Philosophical Society, (1) Proceedings, 37; (2) Transactions, Annals, 37.

- Cambridge, Mass. *See* Math. Monthly.
- Časopis pro Pěstování Matematiky a Fisyky, Prag, 37.
- Charlottsville. *See* Annals.
- Chicago. *See* Am. Math. Monthly.
- Christiania F. and Christiania Skr. *See* Christiania, Videnskabs-Selskabet.
- Christiania, Videnskabs-Selskabet, (1) Forhandlingler, 37; (2) Matematisk-Naturvidenskabelig Klasse, Skrifter, 38.
- *See* Archiv for Math.
- Circolo Matematico. *See* Palermo.
- Città di Castello. *See* (Le) Matematiche Pure ed Appl.
- Coimbra, Academia Polytechnica do Porto, Annaes Scientificos, 38.
- *See* Jornal.
- Comptes Rendus. *See* Paris.
- Conti. *See* Bollettino.
- Copenhagen. *See* Kjøbenhavn.
- Cracow. *See* Krakow.
- C. R. *See* Paris, Comptes Rendus.
- Crelle's Journal für die Reine und Angewandte Mathematik, 14.
- Crelle J. and Crelle J. Mth. *See* Crelle's Journal.
- Darboux. *See* Bulletin.
- Des Moines. *See* (The) Analyst.
- Des Moines Anal. *See* (The) Analyst.
- Deutsche Mathematiker-Vereinigung, Leipzig, (1) Jahresbericht, 15; (2) Jahresbericht, Ergänzungsbände, 15.
- D. Mth. Vr. Jbr. *See* Deutsche Math. Ver.
- Dodson. *See* Math. Repository.
- Dn. Vd. Selks. Sr. *See* Kjøbenhavn.
- Dubl. S. Sc. P. and Dubl. S. Sc. T. *See* Dublin, Royal Dublin Society.
- Dublin, Royal Dublin Society, (1) Scientific Proceedings, 38; (2) Scientific Transactions, 38.
- Royal Irish Academy, Proceedings, 39.
- *See* Cambridge.
- Ecole Normale. *See* Paris.
- Ecole Polytechnique. *See* Paris.
- Edinb. Mth. S. P. *See* Edinburgh Math. Soc., Proc.
- Edinb. P. R. S. and Edinb. R. S. T. *See* Edinburgh Royal Society.
- Edinburgh Mathematical Society, Proceedings, 15.
- Edinburgh Royal Society, (1) Proceedings, 39; (2) Transactions, 39.
- (L')Education Mathématique, Paris, 16.
- Educational Times. *See* Math. Questions.
- Educ. Times. *See* Math. Questions.
- (L')Enseignement Mathématique, Geneva and Paris, 16.
- Ens. Mth. *See* (L') Enseignement Math.
- Erie. *See* Math. Mag.
- Férussac Bil. Sc. Math. *See* Férussac's Bulletin.
- Férussac's Bulletin des Sciences Mathématiques, Astronomiques, Physiques et Chimiques, Paris, 40.
- Firenze (Florence). *See* Rivista.
- Florence (Firenze). *See* Rivista.
- Formulaire de Mathématique, Torino, 16.
- Fschr. Mth. *See* Jahrbuch über die Fortschritte der Math.
- Gand. *See* Mathesis.
- Gazeta Matematica, Bucharest, 16.
- Geneva (Genève, Genf). *See* L'Enseignement Math.
- Gentleman's Diary or Mathematical Repository, London, 16.
- Gentleman's Mathematical Companion, London, —
- Gergonne's Annales de Mathématiques Pures et Appliquées, Paris, 17.
- Ghent. *See* Mathesis.
- Giornale di Matematiche (Battaglini), Napoli, 17.
- G. Mt. *See* Giornale de Matematiche.
- Göttingen, Königl. Gesellschaft der Wissenschaften; (1) Nachrichten, Geschäftliche Mitteilungen, 40; (2) Nachrichten, Mathematisch-Physikalische Klasse, 40.
- Mathematischer Verein, Berichte, 17.
- Gött. Nr. *See* Göttingen, Königl. Gesellschaft Nachrichten.
- Grunert. *See* Archiv der Mathematik
- G. Teix. J. Sc. *See* Jornal de Ciencias Math.
- Hamb. Mth. Ges. Mt. *See* Hamburg.
- Hamburg, Mathematische Gesellschaft, Mitteilungen 17.
- Haarlem. *See* Wiskundig Tijdschrift.
- Hoffmann's Zeitschrift. *See* Zeitschrift.
- Hungary. *See* Magyar, Math. und Nat. Berichte.
- Il Progresso. *See* Progresso.
- Indian Mathematical Society, Journal, Madras, 18.
- L'Intermédiaire des Mathématiciens, Paris, 18.
- Ir. Ac. P. *See* Dublin.
- Irish Academy. *See* Dublin.
- Jahrbuch über die Fortschritte der Mathematik, Berlin, 18.
- Jahresbericht. *See* Deutsche Math.-Verein.
- Jornal de Ciencias Mathematicas e Astronomicas, Coimbra, 40.
- Journal. *See also* Crelle, Giornale, Indian Math. Soc., Jornal, Liouville, Paris, Quarterly.
- Journal de Mathématiques Élémentaires (Vuibert), Paris, 18.
- Kasan, Société Physico-Mathématique, Bulletin, 41.
- Kazan, S. Ps.-Mth. Bll. *See* Kasan.
- Kharkof. *See* Kharhov.
- Kharkov Mathematical Society, Communications, 19.
- Kharkov Mth. S. Com. *See* Kharkov, Math. Society.
- Kiöb., in Royal Society abbreviations. *See* Kjøbenhavn.
- Kjøb. Dn. Vd. Selsk. Afh., and similar Royal Society abbreviations. *See* Kjøbenhavn.
- Kjøbenhavn, Kongelige Danske Videnskabernes Selskab, (1) Oversigt over det Forhandlingler, 41; (2) Skrifter, 41.
- *See* Nyt Tidsskrift.
- Krakow, Akademia Umiejetnosci, Bulletin Internationale, 41.
- Krk. Ak. in Royal Society abbreviations. *See* Krakow.
- Ladies' Diary, London, 19.
- Lady's and Gentleman's Diary, London, 19.
- Lancaster. *See* Am. Math. Monthly, (The) Math. Teacher, New York (Am. Math. Soc.)
- Leighorn. *See* Periodico di Matematica.
- Leip. abbreviations in Royal Society catalogue. *See* Leipzig.
- Leipzig. *See* Leipzig.

- Leipzig, Königl. Sächsische Gesellschaft der Wissenschaften, Mathematisch-Physikalische Classe, (1) Abhandlungen, 42; (2) Berichte, 42.
 — See Archiv der Math. und Phys., Bibliotheca Math., Deutsche Math.-Verein., Hamburg, Math. Annalen, Math. und Naturw. Berichte aus Ungarn, Repertorium, Zeitschrift.
- Leybourn. See Math. Repository.
- Liège, Société Royale des Sciences, Mémoires, 42.
 Liège Mm. S. S. See Liège.
- Liouville's Journal de Mathématiques Pures et Appliquées, Paris, 19.
- Liouv. J. See Liouville.
- Livorno. See Periodico di Matematica.
- L. Mth. S. P. See London Math. Soc., Proceedings.
- London. See British Association, Cambridge Math. Journ., Gentleman's Diary, Gentleman's Math. Companion, Ladies' Diary, Lady's and Gentleman's Diary, (The) Mathematician, Math. Gazette, Math. Quest. and Sol. (Ed. Times) Math. Repository, Messenger, Quarterly Journal, Royal Soc.
- London Mathematical Society, Proceedings, 20.
- Loria. See Bollettino.
- Madras. See Indian Math. Soc.
- Madrid, Sociedad Matemática Española, Revista, 20.
- Madrid. See Archiv.
- Mag. Tud. Ak. Etk. See Magyar.
- Magyar Tudományos Akadémia, Ertekezések a Matematikai Osztály Közéből, Budapest, —
 Le Matematiche Pure ed Applicate, Città di Castello, 20.
- Mathematical Gazette, London, 20.
- Mathematical Magazine, Washington (begun at Erie, Pa.), 21.
- Mathematical Miscellany, New York, 21.
- Mathematical Monthly (Runkle), Cambridge, Mass., 21.
- Mathematical Questions and Solutions from the "Educational Times," London, 21.
- Mathematical Repository (Dodson, Leybourn), London, 22.
- Mathematical Society. See Calcutta, Deutsche Math. Verein., Edinburgh, Göttingen, Hamburg, Indian, Kharkov, London, Madrid, Moscow, New York, Palermo, Paris.
- Mathematiceskij Zistok, Reval, 22.
- Mathematician, London, 22.
- Mathematics Teacher, Syracuse, Lancaster, 22.
- Mathematische Annalen, Leipzig, 22.
- Mathematische und Naturwissenschaftliche Berichte aus Ungarn, Leipzig, 43.
- Mathesis, Gand (Ghent), 23.
- Messenger of Mathematics, London, 23.
- Mess. Mth. See Messenger of Mathematics.
- Milan. See Milano.
- Milano, Reale Istituto Lombardo di Scienze e Lettere, (1) Memorie, 43; (2) Rendiconti, 43.
 — See Annali.
- Mil. I. Lomb. and similar Royal Society abbreviations. See Milano, Reale Istituto.
- Monatshette für Mathematik und Physik, Wien (Vienna), 43.
- Moscow Mathematical Society, Transactions (Mathematischeski Sbornik), 23.
- Mth. A. See Mathematische Annalen.
- Mth. Gz. See Mathematical Gazette.
- Mth. Misc. See Mathematical Miscellany.
- Mth. Nt. B. Ung. See Math. und Nat. Berichte aus Ungarn.
- Münch. abbreviations in Royal Society catalogue. See München.
- München, Königliche Bayerische Akademie der Wissenschaften, Mathematische-Physikalische Classe, (1) Abhandlungen, 44; (2) Sitzungsberichte, 44.
- Munich. See München.
- N. A. Mth. See Nouvelles Annales.
- Nancy. See Sphinx-Œdipe.
- Nap. abbreviations in Royal Society catalogue. See Napoli.
- Naples. See Napoli.
- Napoli, Reale Accademia delle Scienze Fisiche e Matematiche, (1) Atti, 44; (2) Rendiconti, 44.
 — See Giornale.
- N. Arch. Wisk. See Nieuw Archief.
- National Academy of Sciences. See Washington.
- New York, American Mathematical Society, (1) Bulletin, New York, Lancaster, 23; (2) Transactions, New York, Lancaster, 24.
 — See Math. Miscel.
- New York Mathematical Society, Bulletin, 24.
- Nieuw Archief voor Wiskunde, Amsterdam, 25.
- Nismes. See Gergonne's Annales.
- Nouvelle Correspondance Mathématique, Bruxelles (Brussels), 25.
- Nouvelles Annales de Mathématiques, Paris, 25.
- N. Ts. Mth. See Nyt Tidsskrift.
- N. Y. abbreviations in Royal Society catalogue. See New York.
- Nyt Tidsskrift for Matematik, Kjøbenhavn (Copenhagen), 25.
- Palermo Cir. Mt. Rd. See Palermo, Circolo Matematico.
- Palermo, Circolo Matematico, (1) Rendiconti, 26; (2) Rendiconti, Supplemento, 26.
 — See (1) Pitagora.
- Par. abbreviations in Royal Society catalogue. See Paris.
- Paris, Académie des Sciences de l'Institut de France, (1) Comptes Rendus, 45; (2) Mémoires, 45; (3) Mémoires présentés par Divers Savants, 45.
 — Ecole Normale Supérieure, Annales Scientifiques, 46.
 — Ecole Polytechnique, Journal, 46.
 — Société Mathématique de France, (1) Bulletin, 26; (2) Comptes Rendus des Séances, 27.
 — Société Philomathique, Bulletin, 46.
 — See Bulletin, L'Education, L'Enseignement Math., Férussac, Gergonne, L'Intermédiaire, Journal, Liouville, Nouvelles Annales, Revue Générale, Revue de Math.
- Pennsylvania. See Philadelphia.
- Periodico di Matematica, Livorno (Leghorn), 27.
- Periodico di Matematica, Supplemento, Livorno (Leghorn), 27.
- Petrograd, Académie des Sciences (Akademiya Nauk), (1) Bulletin, 47; (2) Mémoires, 47.
- Philadelphia, University of Pennsylvania, Publications, Mathematics, 27.
- Il Pitagora, Palermo, 27.
- Prace Mt.-Fiz. See Prace.
- Prace Matematyczno-Fizyczne, Warsaw, 47.

- Prag, Česka Akademie Císaře Františka Josefa, (1) Bulletin International, Sciences Mathématiques et Naturelles, 47; (2) Rospravy (mathematical memoirs only), 48.
- Königliche Böhmisches Gesellschaft der Wissenschaften (Kralovské České Společnosti Něk), (1) Jahresberichte, 48; (2) Sitzungsberichte (Vestník), 48.
- See Časopis.
- Prague. See Prague.
- Princeton. See Annals.
- El Progreso Matematico, Saragossa, 27.
- QJ. Mth. See Quarterly Journal.
- Quarterly Journal of Pure and Applied Mathematics, London, 28.
- Repertorium der literarischen Arbeiten aus dem Gebiete der Reinen und Angewandten Mathematik, Leipzig, 28.
- Reval. See Mathematiceskij Zistok.
- Revista Trimestral di Matemáticas, Saragossa, 28.
- Revista. See Madrid, Revue.
- Revue de Mathématiques (Rivista di Matematica), Torino, 28.
- Revue de Mathématiques Spéciales, Paris, 28.
- Revue Générale des Sciences, Paris, 48.
- Revue Semestrielle des Publications Mathématiques, Amsterdam, 29.
- Rivista di Fisica, Matematica e Scienze Naturali. Firenze (Florence), 48.
- Rm. abbreviations in Royal Society catalogue. See Roma.
- Roma, Pontificia Accademia del Nuovi Lincei, (1) Atti, 49; (2) Memorie, 49.
- Reale Accademia dei Lincei, (1) Atti, 49; (2) Atti: Transunti, Rendiconti, 49; (3) Atti: Memorie, Classe di Scienze Fisiche, Matematiche e Naturali, 50.
- Società Italiana delle Scienze, Memorie di Matematica e di Fisica, 50.
- See Annali, Bollettino, Boncompagni.
- Rome. See Roma.
- Rotterdam. See Wiskundig Tijdschrift.
- Royal Society. See Dublin, Edinburgh.
- Royal Society of London, (1) Philosophical Transactions, 50; (2) Proceedings, 51; (3) Year Book, 51.
- Rpm. Mth. See Repertorium.
- R. S. P. See Royal Society of London.
- Runkle. See Math. Monthly.
- Rv. Mth. See Revue de Math.
- Saint Petersburg. See Petrograd.
- Saragossa. See (El) Progreso, Revista.
- Schlömilch's Zeitschrift. See Zeitschrift.
- Schotten's Zeitschrift. See Zeitschrift.
- Sendai. See Tōhoku Imperial University, Tōhoku Math. Journal.
- Sphinx-Œdipe, Nancy, 29.
- Springfield. See Am. Math. Monthly.
- St. Pé. abbreviations in Royal Society catalogue. See Petrograd.
- St. Petersburg. See Petrograd.
- Stockh. abbreviations in Royal Society catalogue. See Stockholm.
- Stockholm, Kongliga Svenska Vetenskaps-Akademie, (1) Handlingar, Bihang, 52; (2) Arkiv for Matematik, Astronomi och Fysik, 52.
- Stockholm. See Acta, Bibliotheca Math.
- Stuttgart, Mathematische Naturwissenschaftlicher Mitteilungen, 52.
- Syracuse. See Math. Teacher.
- Tōhoku Imperial University, Science Reports, Ser. I, Sendai, 52.
- Tōhoku Mathematical Journal, Sendai, 29.
- Tōk. abbreviations in Royal Society catalogue. See Tōhoku.
- Tor. abbreviations in Royal Society catalogue. See Torino.
- Torino, Reale Accademia delle Scienze, (1) Classe di Scienze Fisiche, Matematiche e Naturali, Atti, 53; (2) Memorie, 53.
- See Bollettino, Formulaire, Revue de Math.
- Tortolini A. See Annali.
- Toul. abbreviations in Royal Society catalogue. See Toulouse.
- Toulouse, Académie des Sciences, Inscriptions et Belles-Lettres, (1) Bulletin, 53; (2) Mémoires, 53.
- Faculté des Sciences de l'Université, Annales, 54.
- Ts. Math. See Nyt Tidsskrift.
- Transactions. See New York.
- Turin. See Torino.
- Ungarn. See Math. und Nat. Berichte.
- Valencia. See Archivo de Matemáticas.
- Vars. and Varsovie. See Warsaw references.
- Ven. abbreviations in Royal Society catalogue. See Venezia.
- Venezia, Reale Istituto Veneto di Scienze, Lettere ed Arti, Memorie, 54.
- Venice. See Venezia.
- Vienna. See Wien.
- Vuibert's Journal. See Journal.
- Warsaw. See Prace, Wiadomosci.
- Wash. Nt. Ac. Mm. See Washington, National Academy.
- Washington, National Academy of Sciences, Proceedings, 54.
- See Math. Mag. (Begun at Erie, Pa.)
- Wiadomosci Matematyczne, Warsaw, 29.
- Wien. Ak. See Wien, Kaiserliche Akademie.
- Wien (Vienna), Kaiserliche Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Classe, Sitzungsberichte, 55.
- See Monatshefte.
- Wiskundige Opgaven met de Oplossingen, Amsterdam, 29.
- Wiskundig Tijdschrift, Rotterdam, 29.
- Württemberg. See Stuttgart.
- Zaragosa. See (El) Progreso, Revista Trimest.
- Zeitschrift für Mathematik und Physik (Schlömilch), Leipzig, 55.
- Zeitschrift für Mathematischen und Naturwissenschaftlichen Unterricht (Hoffmann, Schotten), Leipzig, 55.
- Z. Mth. Ps. See Zeitschrift für Math. und Phys.
- Zürich, Naturforschende Gesellschaft, Vierteljahrsschrift, 56.
- Zür. Vjschr. See Zürich.

BULLETIN OF THE BUREAU OF EDUCATION.

(Continued from page 2 of cover.)

- No. 34. Institutions in the United States giving instruction in agriculture. A. C. Monahan and C. H. Dye.
- No. 35. The township and community high-school movement in Illinois. H. A. Hollister.
- No. 36. Demand for vocational education in the countries at war. Anna T. Smith.
- No. 37. The conference on training for foreign service. Glen L. Swiggett.
- No. 38. Vocational teachers for secondary schools. C. D. Jarvis.
- No. 39. Teaching English to aliens. Winthrop Talbot.
- No. 40. Monthly record of current educational publications, September, 1917.
- No. 41. Library books for high schools. Martha Wilson.
- No. 42. Monthly record of current educational publications, October, 1917.
- No. 43. Educational directory, 1917.
- No. 44. Educational conditions in Arizona.
- No. 45. Summer sessions in city schools. W. S. Deffenbaugh.
- No. 46. The public-school system of San Francisco, Cal.
- No. 47. The preparation and preservation of vegetables. Henrietta W. Calvin and Carrie A. Lyford.
- No. 48. Monthly record of current educational publications, November, 1917.
- No. 49. Music in secondary schools. Report of the Commission on Secondary Education. Will Earhart and Osbourne McConathy.
- No. 50. Physical education in secondary schools. Report of the Commission on Secondary Education.
- No. 51. Moral values in secondary education. Report of the Commission on Secondary Education. Henry Neumann.
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