## MEMBERS OF THE SOCIETY.

## JANUARY 1, 1908.

Date of Admission.		Life members are designated by *.
1892,	Nov.	ABBE, CLEVELAND, B.A., B.Sc., M.A., LL.D.; Member
ŕ		of the National Academy of Sciences; Member of
		the Astronomische Gesellschaft; F.R.A.S.; Member of
		the Deutsche Mathematiker-Vereinigung; Editor of
		the Monthly Weather Review; Associate Editor of
		Beiträge zur Physik der Atmosphäre; Professor of
		Meteorology, U. S. Weather Bureau; Professor of
		Meteorology, George Washington University, Wash-
		ington, D. C.; Lecturer in Meteorology, Johns Hop-
		kins University, Baltimore, Md. U. S. Weather Bu-
		reau, Washington, D. C.
1907,	Apr.	ACKERMANN-TEUBNER, BENEDICTUS GUSTAV ALFRED A.,
ŕ	•	Ph.D. (honorary, Greifswald); Member of the Société
		Mathématique de France; Member of the London
		Mathematical Society; Member of the Circolo Mate-
		matico di Palermo; Member of the Astronomische
		Gesellschaft; Member of the Deutsche Mathematiker-
		Vereinigung. Publishing House of B. G. Teubner,
		Leipzig, Germany. Poststrasse, 3.
1907,	Oct.	AIYAR, V. RAMASWAMI, M.A.; Member of the London
		Mathematical Society; Member of the Edinburgh
		Mathematical Society. Deputy Collector, Madras
		Provincial Civil Service. Gooty, India.
1905,	Oct.	AKERS, OSCAR PERRY, M.A., Ph.D. (Cornell); Member
•		of the Circolo Matematico di Palermo; Professor of
		Mathematics, Allegheny College, Meadville, Pa.
1891,	Nov.	ALEY, ROBERT JUDSON, M.A., Ph.D. (Pennsylvania);
		Member of the London Mathematical Society; Mem-
		ber of the Deutsche Mathematiker-Vereinigung; Mem-
		ber of the Edinburgh Mathematical Society; Editor
		of the Educator-Journal; Professor of Mathematics,
		University of Indiana, Bloomington, Ind. 209 Forest
		Place.
		4.4

Date of Admission. Dec. | Allardice, Robert Edgar, M.A.; Fellow of the Royal 1901, Society of Edinburgh; Member of the Edinburgh Mathematical Society; Professor of Mathematics, Stanford University, Cal. 1897, Dec. Allen, Joseph, M.A.; Assistant Professor of Mathematics, College of the City of New York. 9 Myrtle Street, White Plains, N. Y. 1905, ALLEN, REGINALD BRYANT, B.Sc., M.Sc., Ph.D. (Clark); Professor of Mathematics, Kenyon College, Gambier, Ohio. 1903, Oct. AMES, LEWIS DARWIN, M.A., Ph.D. (Harvard); Assistant Professor of Mathematics, University of Missouri, Columbia, Mo. Thilly Avenue, Westmount. 1907, Dec. Ammerman, Charles, M.A.; Instructor in Mathematics, McKinley High School, St. Louis, Mo. 1901, Dec. | Andrews, Grace, B.Sc., Ph.D. (Columbia). "The Brevoort," 47 Brevoort Place, Brooklyn, N. Y. 1903, Oct. \*ARCHIBALD, RAYMOND CLARE, M.A., Ph.D. (Strassburg); Professor of Mathematics, Acadia University, Wolfville, Nova Scotia, Canada. P. O. Box 240. 1901, ASHTON, CHARLES HAMILTON, M.A.; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, University of Kansas, Lawrence, Kansas. 1202 Ohio Street. 1907, Dec. ATCHISON, CLYDE SHEPHERD, B.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Williams College, Williamstown, Mass. 1906, Feb. BABB, MAURICE JEFFERIS, B.Sc.; Instructor in Mathematics, University of Pennsylvania, Philadelphia, Pa. 1903, Feb. BAILEY, FREDERICK HAROLD, M.A.; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass. BAKER, ALFRED, M.A.; Fellow of the Royal Society of 1891, June Canada; Member of the Société Mathématique de France; Professor of Mathematics, University of Toronto, Toronto, Canada. BAKER, ARTHUR LATHAM, C.E., Ph.D.; Professor of 1891, Feb. Mathematics, Manual Training High School, Brooklyn, N. Y.

BAKER, RICHARD PHILIP, B.Sc.; Instructor in Mathe-

matics, State University of Iowa, Iowa City, Ia. 1004

1904,

Oct.

East College Street.

		13
Date of		
Admiss 1894,	Oct.	BARNUM, CHARLOTTE CYNTHIA, B.A., Ph.D. (Yale); Coast and Geodetic Survey, Washington, D. C.
1903,	Aug.	Bartlett, Dana Prescott, B.Sc.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics and Acting Secretary, Massachusetts Institute of Technology, Boston, Mass.
1892,	Apr.	BARTON, SAMUEL MARX, B.A., Ph.D.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of the South, Sewanee, Tenn.
1891,	Apr.	Bass, Edgar Wales, Graduate of the U.S. Military Academy; Colonel U.S. Army, retired. 77 Park Avenue, New York, N.Y.
1903,	Oct.	BATES, WILLIAM HUNT, M.A.; Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, Purdue University, Lafayette, Ind. Columbia Flats.
1900,	Dec.	BAUER, GEORGE NEANDER, M.Sc., Ph.D. (Columbia); Professor of Mathematics, University of Minnesota, Minneapolis, Minn.
1905,	Feb.	BECKETT, CHARLES HARRISON, B.A.; Assistant Professor of Mathematics, Purdue University, Lafayette, Ind.
1906,	Sept.	BEEBE, WILLIAM, M.A.; Professor of Mathematics, Yale University, New Haven, Conn. 262 Bradley Street.
1891,	Apr.	BEMAN, WOOSTER WOODRUFF, M.A.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 813 East Kingsley Street.
1901,	Oct.	BENEDICT, HARRY YANDELL, M.A., Ph.D. (Harvard); Professor of Applied Mathematics, University of Texas, Austin, Texas.
1897,	Feb.	*Berry, Arthur, M.A.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; F.R.A.S.; Fellow and Assistant Tutor in Mathematics, King's College, Cambridge, England.
1906,	Feb.	
1902,	Apr.	BIKLÉ, CHARLES EARL, M.A.; Adjunct Professor of Mathematics, Teachers College, Columbia University, New York, N. Y.

Date Admis	
1906,	Feb

- 906, Feb. Birkhoff, George David, B.A., Ph.D. (Chicago); Instructor in Mathematics, University of Wisconsin, Madison, Wis.
- 1900, Dec. BLICHFELDT, HANS FREDERIK, M.A., Ph.D. (Leipzig);
  Associate Professor of Mathematics, Stanford University, Cal.
- 1900, Dec. \*BLISS, GILBERT AMES, B.Sc., M.Sc., Ph.D. (Chicago);
  Member of the Deutsche Mathematiker-Vereinigung;
  Member of the Circolo Matematico di Palermo;
  Editor of the Annals of Mathematics; Assistant
  Professor of Mathematics, Princeton University,
  Princeton, N. J. 35 Bank Street.
- 1892, Apr. \*\*Bôcher, Maxime, B.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Editor of the Transactions of the American Mathematical Society; Professor of Mathematics, Harvard University, Cambridge, Mass. 48 Buckingham Street.
- 1899, Oct. Bogarte, Martin Eugene, M.A.; Professor of Mathematics, Northern Indiana Normal School, Valparaiso, Ind. College Avenue and Locust Street.
- 1891, Nov. Bolza, Oskar, Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Chicago, Chicago, Ill.
- 1905, Dec. BÖRGER, ROBERT LACEY, M.A., Ph.D. (Chicago); Instructor in Mathematics, University of Illinois, Champaign, Ill. 306 East Healey Street.
- 1898, Dec. \*BOUTON, CHARLES LEONARD, M.Sc., M.A., Ph.D. (Leipzig); Member of the Deutsche Mathematiker-Vereinigung; Associate Editor of the Transactions of the American Mathematical Society; Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. 5 Avon Street.
- 1900, Dec. BOWDEN, JOSEPH, B.A., Ph.D. (Yale); Professor of Mathematics, Adelphi College, Brooklyn, N. Y. 24 Clifton Place.
- 1891, June Bowser, Edward Albert, C.E., LL.D.; Emeritus Professor of Mathematics, Rutgers College, New Brunswick, N. J.
- 1907, Oct. BOYD, PAUL PRENTICE, M.A.; Professor of Mathematics, Hanover College, Hanover, Ind.
- 1903, Feb. Brackett, Frank Parkhurst, M.A.; Professor of Mathematics, Pomona College, Claremont, Cal.

15 Date of Admission. Apr. 1907, Bradshaw, John William, M.A., Ph.D. (Strassburg); Instructor in Mathematics, University of Michigan, Ann Arbor, Mich. 530 Hill Street. 1901, Dec. Brasefield, Stanley Eugene, C.E., M.Sc.; Instructor in Mathematics and Graphics, Lafayette College, Easton, Pa. 327 Center Street. 1903. Feb. BRECKENRIDGE, WILLIAM EDWIN, M.A.; Head of the Department of Mathematics, Stuyvesant High School, New York, N. Y. 345 East 15th Street. 1906, Feb. Brenke, William Charles, M.Sc., Ph.D. (Harvard); Adjunct Professor of Mathematics, University of Nebraska, Lincoln, Neb. 1833 L Street. 1902. Sept. Bromwich, Thomas John I'anson, M.A., F.R.S.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Fellow and Lecturer of St. John's College, Cambridge, England. 1 Devana Terrace. Brooke, William Ellsworth, B.C.E., M.A.; Professor 1901, Dec. of Mathematics, College of Engineering, University of Minnesota, Minneapolis, Minn. 1891, Brooks, John Milton, M.A.; Birmingham Building June and Improvement Company, Birmingham, Ala. 2109 First Avenue. Feb. \*Brown, Ernest William, M.A., Sc.D. (Cambridge); 1892, F.R.S.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; F.R.A.S.; Member of the American Philosophical Society; Professor of Mathematics, Yale University, New Haven, Conn. 1900, Oct. Brown, George Lincoln, M.Sc., Ph.D. (Chicago); Professor of Mathematics and Astronomy, South Dakota Agricultural College, Brookings, S. D. \*Brown, J. Stanford, B.Ph., M.A.; President of the 1902, Sept. Realty-Loan Trust Company; Vice-President and Treasurer of the New York Realty Owners Company.

10 Belmont Avenue, Yonkers, N. Y.

Apr. Browne, John J., B.A.; Assistant Professor of Mathematics, Colorado School of Mines, Golden, Colo.

BUCK, THOMAS, B.Sc.; Fellow in Mathematics, University of Chicago, Chicago, Ill. 5825 Kimbark Avenue.

1904.

1907,

Sept.

Admission. 1899, Aug.

\*Bullard, Warren Gardner, B.A., Ph.D. (Clark);
Member of the Deutsche Mathematiker-Vereinigung;
Member of the Circolo Matematico di Palermo;
Associate Professor of Mathematics, Syracuse Uni-

versity, Syracuse, N. Y. 613 South Crouse Avenue.

1891, June
Bullis, Abram Rogers, B.Sc., B.C.E. Macedon, Wayne
County, N. Y.

1903, Feb. Burrell, Ellen Louisa, B.A.; Professor of Pure Mathematics and Head of the Department, Wellesley College, Wellesley, Mass.

1904, Oct. Bussey, William Henry, M.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn.

1891, Apr. Byerly, William Elwood, M.A., Ph.D. (Harvard); Editor of the *Annals of Mathematics*; Perkins Professor of Mathematics, Harvard University, Cambridge, Mass. 39 Hammond Street.

1891, June CAIN, WILLIAM, C.E., M.A.; Professor of Mathematics, University of North Carolina, Chapel Hill, N. C.

1905, Feb. CAIRNS, WILLIAM DEWEESE, M.A., Ph.D. (Göttingen);
Associate Professor of Mathematics, Oberlin College,
Oberlin, Ohio. 258 East College Street.

1899, Apr.

CAJORI, FLORIAN, M.Sc., Ph.D.; Member of the Deutsche
Mathematiker-Vereinigung; Member of the Circolo
Matematico di Palermo; Professor of Mathematics,
Colorado College, Colorado Springs, Colo. 1119
Wood Avenue.

1907, Dec. CAMP, BURTON HOWARD, M.A., Instructor in Mathematics, Wesleyan University, Middletown, Conn.

Brainerd Avenue.

1900, Dec. Campbell, Donald Francis, Ph.D. (Harvard); Professor of Mathematics, Armour Institute of Tech-

nology, Chicago, Ill.
CAPRON, PAUL, M.A.; Instructor in Mathematics, Williams College, Williamstown, Mass.

1906, Apr. CARMICHAEL, ROBERT DANIEL, B.A.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Alabama Presbyterian College for Men, Anniston, Alabama.

1906, Oct. Carpenter, Allen Fuller, B.A.; Professor of Mathematics, Hastings College, Hastings, Neb. 233 East 7th Street.

- 1907, Dec. CARRUTH, WILLIAM MASSEY, B.A.; Assistant Professor of Mathematics, Hamilton College, Clinton, N. Y.
- 1906, Feb. Carter, Benjamin Edward, M.A.; Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass.
- 1905, Dec. Carver, Walter Buckingham, Ph.B., Ph.D. (Johns Hopkins); Instructor in Mathematics, Cornell University, Ithaca, N. Y. 404 Stewart Avenue,
- 1896, Apr. Chace, Arnold Buffum, M.A., D.Sc. (Brown). Providence, R. I. 324 Angell Street.
- 1895, Nov. Chessin, Alexander S., M.A., C.E., Ph.D.; Professor of Mathematics, Washington University, St. Louis, Mo.
- 1895, Nov. CHITTENDEN, J. BRACE, B.Se., M.A., Ph.D. (Königsberg);
  Professor of Mathematics, Brooklyn Polytechnic Institute, Brooklyn, N. Y.
- 1891, Apr. Clark, John Emory, M.A.; Emeritus Professor of Mathematics, Yale University, New Haven, Conn. 34
  South Park Terrace, Longmeadow, Mass.
- 1900, Dec. Clarke, John Eastman, B.A., Ph.D. (Boston); Principal of the Gilbert School, Winsted, Conn.
- 1907, Dec. CLEMENTS, GUY ROGER, M.A.; Instructor in Mathematics, Williams College, Williamstown, Mass.
- 1896, Sept. Clutz, Frank Hollinger, B.A., Ph.D. (Johns Hopkins);
  Civil Engineer, Nelson Construction Company, Chambersburg, Pa. Montgomery Avenue.
- 1906, Feb. Coar, Henry Livingston, M.A., Ph.D. (Illinois); Associate Professor of Mathematics, Marietta College, Marietta, Ohio. 528 Fourth Street.
- 1907, Apr. Cobb, Herbert Edgar, M.A.; Professor and Head of the Department of Mathematics, Lewis Institute, Chicago, Ill.
- 1902, Dec. Coble, Arthur B., M.A., Ph.D. (Johns Hopkins); Associate in Mathematics, Johns Hopkins University, Baltimore, Md.
- 1905, Dec. Coddington, Emily, M.A., Ph.D. (Columbia). 24 West 58th Street, New York, N. Y.
- 1893, Feb. COHEN, ABBAHAM, B.A., Ph.D. (Johns Hopkins); Coeditor of the American Journal of Mathematics; Associate in Mathematics, Johns Hopkins University, Baltimore, Md.

Date of Admission. 1891, Apr. \*Cole, Frank Nelson, B.A., Ph.D. (Harvard); Editor of the Bulletin of the American Mathematical Society; Professor of Mathematics, Columbia University, New York, N. Y. 1899, Dec. COLLINS, JOSEPH VICTOR, B.Ph., Ph.D.; Teacher of Mathematics, State Normal School, Stevens Point, 217 Division Street. 1906, COLPITTS, ELMER CLIFFORD, B.A., Ph.D. (Cornell); Pro-Sept. fessor of Mathematics and Physics, College of Emporia, Emporia, Kan. 912 Commercial Street. Dec. 1907, COLPITTS, JULIA TRUEMAN, M.A.; Assistant Professor of Mathematics, Iowa State College, Ames, Ia. 1903, Aug. COMSTOCK, CLARENCE ELMER, M.A.; Assistant Professor of Mathematics and Head of the Department, Bradley Polytechnic Institute, Peoria, Ill. COMSTOCK, ELTING HOUGHTALING, M.Sc.; Instructor in 1898, Feb. Mathematics, School of Mines, University of Minnesota, Minneapolis, Minn. 1530 Como Avenue, S. E. CONANT, LEVI LEONARD, M.A., Ph.D.; Professor of Oct. 1892, Mathematics, Worcester Polytechnic Institute, Worcester, Mass. CONSTANTIUS, BROTHER, M.A., Ph.D. (St. Louis), LL.D.; 1906, Sept. Member of the Circolo Matematico di Palermo; Secretary of the St. Louis District and Official Examiner. La Salle Institute, Glencoe, Mo. Converse, Henry A., B.A., Ph.D. (Johns Hopkins); 1904. Sept. Dean of the Faculty and Professor of Mathematics and Physics, Davis and Elkins College, Elkins, W. Va. 1900, COOLIDGE, JULIAN LOWELL, B.A., B.Sc., Ph.D. (Bonn); June Instructor in Mathematics, Harvard University, Cambridge, Mass. 7 Fayerweather Street. COREY, SAMUEL ARTHUR, Member of the Circolo Mate-1907, Apr. matico di Palermo. Treasurer of the Wapello Coal Company, Hiteman, Ia. CORNISII, WILLIAM AARON, B.A.; Instructor in Mathe-1902, Dec. matics, State Normal School, Cortland, N. Y. Stewart Place. 1903, Feb. COWLEY, ELIZABETH BUCHANAN, M.A.; Member of the Circolo Matematico di Palermo; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.

CRATHORNE, ARTHUR R., B.A., Ph.D. (Göttingen); Mem-

paign, Ill. 1113 South Fourth Street.

ber of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, University of Illinois, Cham-

1900,

Dec.

		19
Date Admiss		
1891,		CRAWLEY, EDWIN SCHOFIELD, B.Sc., Ph.D. (Pennsylvania); Member of the Deutsche Mathematiker-Vereinigung; Thomas A. Scott Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.
1903,	Oct.	Cummings, Louise Duffield, M.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.
1905,	Oct.	*Cunningham, Allan Joseph Champneys, Lieutenant Colonel R. E., retired; Member of the London Mathe- matical Society; Fellow of King's College, London. 20 Essew Villas, Kensington, London, W., England.
1891,	Dec.	CUNNINGHAM, SUSAN J., Emeritus Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa. 3308 Arch Street, Philadelphia, Pa.
1900,	Dec.	Curjel, Harald Worthington, M.A.; F.I.A.; Member of the London Mathematical Society; La Mexicana Compañia de Seguros sobre la Vida, Mexico, D. F., Mexico. <i>Apartado 651</i> .
1904,	Oct.	CURTIS, ARTHUR MILLS, B.Sc.; Instructor in Mathematics, State Normal and Training School, Oneonta, N. Y.
1902,	Feb.	CURTISS, DAVID RAYMOND, M.A., Ph.D. (Harvard); Member of the Société Mathématique de France; Associate Professor of Mathematics, Northwestern University, Evanston, Ill. 711 Emerson Street.
1906,	Oct.	DADOURIAN, HAROUTUNE MUGURDICH, M.A., Ph.D. (Yale); Instructor in Physics, Sheffield Scientific School, Yale University, New Haven, Conn. 299 York Street.
1900,	Oct.	DAVIS, CHARLES HENRY. South Yarmouth, Mass.
1891,	Apr.	DAVIS, ELLERY WILLIAMS, B.Sc., Ph.D. (Johns Hopkins); Head Professor of Mathematics and Dean of the College of Literature, Science and the Arts, University of Nebraska, Lincoln, Neb.
1903,	Aug.	*Davis, Harvey Nathaniel, Ph.D.; Instructor in Physics and in Mathematics, Harvard University, Cambridge, Mass. 71 Perkins Hall.
1891,	Apr.	Davis, Nathaniel French, M.A., LL.D.; Professor of Pure Mathematics, Brown University, Providence, R. I. 159 Brown Street.
1905,	Feb.	DAVISSON, SCHUYLER COLFAX, M.A., Sc.D.; Junior Professor of Mathematics, Indiana University, Bloomington, Ind. 515 East Third Street.

20 Date of Admission. Oct. DEAN, GEORGE REINALD, B.Sc., C.E.; Professor of Mathe-1904, matics, School of Mines, University of Missouri, Rolla, Mo. DECHERD, MARY ELIZABETH, M.A.; Tutor in Mathe-1905, Oct. matics, University of Texas, Austin, Tex. 2313 Nueces Feb. DE COU, EDGAR EZEKIEL, M.Sc.; Assistant Professor of 1903, Mathematics, University of Oregon, Eugene, Ore. 719 Mill Street. DEFOE, LUTHER MARION, Member of the London Mathe-1900, Dec. matical Society; Professor of Mechanics, University of Missouri, Columbia, Mo. Dec. | DEIMEL, RICHARD FRANCIS, M.A.; Member of the Circolo 1903. Matematico di Palermo; Instructor in Mathematics and Mechanics, Stevens Institute, Hoboken, N. J. 146 Berkeley Place, Brooklyn, N. Y. DELONG, IRA MITCHELL, M.A.; Professor of Mathematics, 1891, May University of Colorado, Boulder, Colo. 1341 Broad-DELURY, ALFRED TENNYSON, M.A.; Associate Professor 1895, Jan. of Mathematics, University of Toronto, Toronto, Canada. \*Dennett, William Sawyer, B.A., M.D. 8 East 49th 1892. Jan. Street, New York, N. Y. DICKSON, LEONARD EUGENE, B.Sc., M.A., Ph.D. (Chi-1896, Nov. cago); Member of the London Mathematical Society; Associate Editor of the Transactions of the American Mathematical Society; Associate Editor of the American Mathematical Monthly; Assistant Professor of Mathematics, University of Chicago, Chicago, Ill. DIMICK, CHESTER EDWARD, B.A.; Instructor of Cadets, 1904, Apr. U. S. Revenue Cutter Service, Arundel Cove, South Baltimore, Md. DODD, EDWARD LEWIS, M.A., Ph.D. (Yale); Instructor 1904, Sept. in Mathematics, University of Texas, Austin, Texas. Box 115, University Station. DOHMEN, FRANZ JOSEPH, B.Lit., Ph.D. (Greifswald); 1905, Dec.

Member of the Deutsche Mathematiker-Vereinigung.

Professor of Mathematics, University of Wisconsin,

Dowling, Linnæus Wayland, Ph.D. (Clark); Assistant

10 Sacramento Street, Cambridge, Mass.

Madison, Wis. 234 Breese Terrace.

1897.

Apr.

	_	21
Date of Admission.		
1901,		Downey, John F., C.E., M.Sc., M.A.; Professor of Mathematics and Dean of the College of Science, Literature and the Arts, University of Minnesota, Minneapolis, Minn.
1907,	Sept.	Dresden, Arnold, M.Sc.; Instructor in Mathematics, University High School, Chicago, Ill. 5607 Washington Avenue.
1906,	Sept.	DROKE, GEORGE WESLEY, M.A.; Professor of Mathematics and Astronomy, University of Arkansas, Fayetteville, Ark. 103 Hill Street.
1902,	Apr.	Duke, Frank Williamson, B.A.; Superintendent of the Virginia Mechanics' Institute, Richmond, Va.
1902,	Oct.	DUNKEL, OTTO, M.E., M.A., Ph.D. (Harvard); Instructor in Mathematics, University of Missouri, Columbia, Mo. 403 Matthews Street.
1891,	Apr.	DURELL, FLETCHER, B.A., Ph.D.; Master in Mathematics, Lawrenceville School, Lawrenceville, N. J.
1891,	Apr.	DURFEE, WILLIAM PITT, B.A., Ph.D. (Johns Hopkins); Professor of Mathematics and Dean of the Faculty, Hobart College, Geneva, N. Y. 639 Main Street.
1904,	Feb.	DUVAL, EDMUND PENDLETON RANDOLPH, B.Sc., M.A.; Instructor in Mathematics, University of Wisconsin, Madison, Wis. 214 North Brooks Street.
1905,	Sept.	Echols, Charles Patton, Graduate of the U. S. Military Academy; Lieutenant-Colonel, U. S. A.; Professor of Mathematics, U. S. Military Academy, West Point, N. Y.
1891,	Apr.	ECHOLS, WILLIAM HOLDING, B.Sc.; Professor of Mathematics, University of Virginia, Charlottesville, Va.
1891,	Apr.	EDDY, HENRY TURNER, C.E., M.A., Ph.D., LL.D.; Professor of Engineering and Mechanics and Dean of the Graduate School, University of Minnesota, Minneapolis, Minn. 916 Sixth Street, S. E.
1896,	Dec.	EDMONDSON, THOMAS WILLIAM, B.A., Ph.D. (Clark); Professor of Mathematics, New York University, New York, N. Y. University Heights.
1902,	Sept.	EDWARDS, GEORGE CUNNINGHAM, B.Ph.; Associate Professor of Mathematics, University of California

Berkeley, Cal.

1894,

June EIMBECK, WILLIAM; Assistant in the Coast and Geodetic Survey, Washington, D. C.

22 Date of Admission. 1900, Dec. \*EISENHART, LUTHER PFAHLER, B.A., Ph.D. (Johns Hopkins): Assistant Professor of Mathematics, Princeton University, Princeton, N. J. 63 Little Hall. 1898, \*ELLIOTT, EDWIN BAILEY, M.A.; F.R.S.; Member of the Feb. London Mathematical Society; F.R.A.S.; Waynflete Professor of Pure Mathematics and Fellow of Magdalen College, Oxford, England. 4 Bardwell Road. 1896. Nov. EMCH, ARNOLD, M.Sc., Ph.D. (Kansas); Member of the Circolo Matematico di Palermo; Member of the Schweizerische Naturforschende Gesellschaft; Professor of Mathematics, Cantonal College, Solothurn, Switzerland. 1898. Apr. Engberg, Carl Christian, B.Sc., M.A., Ph.D. (Nebraska); Assistant Professor of Mathematics, University of Nebraska, Lincoln, Neb. ENGLER, EDMUND ARTHUR, M.A., Ph.D., LL.D.; President 1892, Mar. of the Worcester Polytechnic Institute, Worcester, Mass. 11 Boynton Street. 1903. ENGLISH, HARRY, B.A., LL.M.; Director of Mathematics, Oct. Washington High Schools, Washington, D. C. 2907 P Street, N. W. Sept. 1904, EPSTEEN, SAUL, B.Sc., Ph.D. (Zurich); Member of the Deutsche Mathematiker-Vereinigung; Associate Editor of School Science and Mathematics; Assistant Proof Mathematics, University of Colorado, Boulder, Colo. 1149 Twelfth Street. 1898, Oct. \*ESCOTT, EDWARD BRIND, M.Sc.; Instructor in Mathematics, University of Michigan, Ann Arbor, Mich. 1825 Hill Street. 1901, Dec. ESTY, THOMAS CUSHING, M.A.; Professor of Mathematics, Amherst College, Amherst, Mass. 1891, May ESTY, WILLIAM COLE, LL.D.; Emeritus Professor of Mathematics and Astronomy, Amherst College, Amherst, Mass. 1905, Sept. EVANS, HENRY BROWN, M.E., Ph.D. (Pennsylvania); Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Mathematics,

Feb. FAUGHT, JOHN BROOKIE, M.A., Ph.D.; Professor of Math-1899. ematics, Northern State Normal School, Marquette, Mich. 1312 Presque Isle Avenue.

Hall.

University of Pennsylvania, Philadelphia, Pa. College

		23
Date of Admission.		
1901,		*Ferry, Frederick Carlos, M.A., Ph.D. (Clark); Professor of Mathematics and Dean, Williams College, Williamstown, Mass.
1907,	Apr.	Field, Floyd, M.A.; Junior Professor of Mathematics, Georgia School of Technology, Atlanta, Ga. 341 Fraser Street.
1900,	June	FIELD, PETER, M.Sc., Ph.D. (Cornell); Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 935 Greenwood Avenue.
1891,	May	FIELDS, JOHN CHARLES, Ph.D. (Johns Hopkins); Member of the Société Mathématique de France; Associate Professor of Mathematics, University of Toronto, Toronto, Canada.
1901,	Oct.	FINDLAY, WILLIAM, M.A., Ph.D. (Chicago); Professor of Mathematics, McMaster University, Toronto, Canada.
1891,	May	FINE, HENRY BURCHARD, M.A., Ph.D. (Leipzig); Professor of Mathematics, Princeton University, Princeton, N. J.
1891,	June	FINKEL, BENJAMIN FRANKLIN, Ph.D.; Member of the London Mathematical Society; Member of the Circolo Matematico di Palermo; Editor of the American Mathematical Monthly; Professor of Mathematics and Physics, Drury College, Springfield, Mo. 1227 Clay Street.
1899,	Feb.	FISHBURNE, EDWARD BELL, JR., B.Sc., M.A.; President of the Hoge Memorial Military Academy, Blackstone, Va.
1891,	Oct.	FISHER, GEORGE EGBERT, M.A., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.
1895,	Jan.	FISHER, IRVING, B.A., Ph.D. (Yale); Professor of Political Economy, Yale University, New Haven, Conn. 460 Prospect Street.
1888,	Nov.	*FISKE, THOMAS SCOTT, M.A., Ph.D. (Columbia); Ex- PRESIDENT; Member of the London Mathematical So- ciety; Professor of Mathematics, Columbia University, New York, N. Y.
1897,	Feb.	FITCH, ANNIE LOUISE MACKINNON (Mrs. EDWARD), M.Se., Ph.D. Clinton, N. Y.

Oct. Fite, William Benjamin, Ph.D. (Cornell); Assistant

N. Y. 127 Eddy Street.

Professor of Mathematics, Cornell University, Ithaca,

1901,

24Date of Admission. FLEET, ROBERT RYLAND, M.A., Ph.D. (Heidelberg); Pro-1904, Oct. fessor of Mathematics, William Jewell College, Liberty, Mo. 1894, Oct. FLOWERS, ROBERT LEE, Graduate of the U.S. Naval Academy; Professor of Mathematics, Trinity College, Durham, N. C. FOCKE, THEODORE M., B.Sc., Ph.D. (Göttingen); Asso-1907. Feb. ciate Professor of Mathematics, Case School of Applied Science, Cleveland, Ohio. Forbes, Charles Savage, M.A., Ph.D. (Columbia); 1903, Dec. Superintendent of the Liability and Statistical Department, Casualty Company of America, New York, N. Y. 201 East 30th Street. 1900, FORD, ROBERT DALE, M.Sc.; Professor of Mathematics, Apr. St. Lawrence University, Canton, N. Y. 1899, \*FORD, WALTER B., M.A., Ph.D. (Harvard); Member of Aug. the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Editor of the Bulletin of the American Mathematical Society; Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 905 Forest Avenue. 1899. Dec. FORSYTH, ANDREW RUSSELL, Sc.D. (Cambridge, Dublin, Victoria, Oxford, Liverpool), LL.D. (Glasgow, Aberdeen); Math.D. (Christiania); F.R.S.; Hon. F.R.S.E.; Foreign Member of the National Academy of Sciences; Corresponding Associate of the Reale Istituto Lombardo; Member and Ex-President of the London Mathematical Society; Honorary Member of the Manchester Literary and Philosophical Society; Member of the Cambridge Philosophical Society; F.R.A.S.; Sadlerian Professor of Pure Mathematics and Fellow of Trinity College, Cambridge University, Cambridge, England. 1893, Dec.

- FRANKLAND, FREDERICK WILLIAM, F.I.A.; Member of the Actuarial Society of America. Foxton, New Zealand.
- FRANKLIN, FABIAN, B.Ph., Ph.D. (Johns Hopkins), 1892, Dec. LL.D.; Associate Fellow of the American Academy of Arts and Sciences. 103 West Monument Street, Baltimore, Md.
- Feb. Frazer, Frank Dean, B.Sc., M.A. 2321 Osgood Street, 1903. Allegheny, Pa.

25 Date of Admission FRENCH, JOHN SHAW, B.A., Ph.D. (Clark); Member of 1905, the Circolo Matematico di Palermo; Professor of Mathematics, Jacob Tome Institute, Port Deposit, Md. 1895. Nov. Frizell, Arthur Bowes, M.A.; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo. Hainholzweg 46, Göttingen, Germany. 1892. Oct. GABLE, GEORGE DANIEL, M.A., Ph.D.; Johnson Professor of Mathematics, University of Wooster, Wooster, Ohio. 1899. Oct. GALE, ARTHUR SULLIVAN, B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Fayerweather Professor of Mathematics, University of Rochester, Rochester, N. Y. 35 Vick Park, Avenue B. GAVETT, GEORGE IRVING, B.Sc.; Instructor in Mathe-1904, Dec. matics, University of Washington, Seattle, Washington. 5525 Sixteenth Avenue, N. E. 1903. GECKELER, OTTO THEODORE, B.A.; Professor of Mathe-Dec. matics, Georgia School of Technology, Atlanta, Ga. 1894, Feb. GENTRY, RUTH, Ph.B., Ph.D. (Bryn Mawr); Stilesville, 1897, Dec. GERMANN, GEORGE B., B.A., Ph.D. (Columbia); Principal of Public School No. 130, Ocean Parkway and Fort Hamilton Avenue, Brooklyn, N. Y. 1901, Feb. \*GERRANS, HENRY TRESAWNA, M.A.; Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; Member of the Societé Mathématique de France; Member of the Circolo Matematico di Palermo; Fellow and Tutor of Worcester College, Oxford, England. 1903, Oct. GIBSON, GEORGE ALEXANDER, M.A., LL.D.; Fellow of the Royal Society of Edinburgh; Honorary Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor

- Deutsche Mathematiker-Vereinigung; Professor of Mathematics in the Glasgow and West of Scotland Technical College, Glasgow, Scotland. 8 Sandyford Place, W.

  1907, Feb. Gillespie, David Clinton, M.A., Ph.D. (Göttingen);
- 1907, Feb. GILLESPIE, DAVID CLINTON, M.A., Ph.D. (Göttingen); Instructor in Mathematics, Cornell University, Ithaca, N. Y. 120 Oak Avenue.
- 1904, Apr. GILLESPIE, WILLIAM, B.A., Ph.D. (Chicago); Assistant Professor of Mathematics, Princeton University, Princeton, N. J. 10 Nassau Street.

		26
Date of Admission.		
1906,		GINNINGS, ROBERT MEADE, B.A. 689 East 57th Street, Chicago, Ill.
1892,	June	GLAISHER, JAMES WHITBREAD LEE, M.A., Sc.D.; F.R.S.; F.R.A.S.; Editor of the Messenger of Mathematics and of the Quarterly Journal of Pure and Applied Mathematics; Fellow of Trinity College, Cambridge, England.
1891,	May	GLASHAN, JOHN CADENHEAD, LL.D.; Fellow of the Royal Society of Canada; Inspector of Public Schools, School Inspector's Office, Ottawa, Canada.
1906,	Sept.	GLAZIER, HARRIET ENDORA, B.A.; Professor of Mathematics, The Western College for Women, Oxford, Ohio.
1905,	Dec.	GLENN, OLIVER EDMUNDS, M.A., Ph.D. (Pennsylvania); Instructor in Mathematics, University of Pennsylvania, Philadelphia, Pa. College Hall.
1896,	Nov.	GLOVER, JAMES WATERMAN, M.A., Ph.D. (Harvard); Member of the Deutscher Verein für Versicherungs- Wissenschaft; Junior Professor of Mathematics and Insurance, University of Michigan, Ann Arbor, Mich. 1312 Geddes Avenue.
1904,	Feb.	GOODENOUGH, GEORGE ALFRED, M.E.; Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 607 West Elm Street.
1897,	Oct.	Gore, John Kinsey, M.A.; Fellow of the Actuarial Society of America; Actuary of the Prudential Insurance Company, Newark, N. J.
1902,	Feb.	GOULD, ALICE BACHE, B.A. 535 Beacon Street, Boston, Mass.
1903,	Oct.	Gould, Mary Frances, B.A.; Teacher of Mathematics, Dedham High School, Dedham, Mass.
1904,	Dec.	Graber, Myron Earle, M.A.; Member of the Circolo Matematico di Palermo; Professor of Physics, Heidelberg University, Tiffin, O. 40 Circular Street.
1905,	Apr.	GRACE, JOHN HILTON, M.A.; Honorary Secretary of the London Mathematical Society; Lecturer in Mathe-

Aug. Graham, William Joseph, B.A.; Fellow of the Actu-1903, arial Society of America; Consulting Actuary of the American School of Insurance; Vice-President and Actuary of the Northwestern National Life Insurance Company, Minneapolis, Minn.

University, Cambridge, England.

matics, Peterhouse and Pembroke College, Cambridge

Date	of	21
Admission.		
1904,	Oct.	Grant, Elmer Daniel, M.A.; Assistant Professor of Mathematics and Physics, Michigan College of Mines, Houghton, Mich.
1897,	May	Granville, William Anthony, B.Ph., Ph.D. (Yale); Instructor in Mathematics, Yale University, New Haven, Conn. 118 Howe Street.
1906,	Oct.	Gravatt, Thomas E., B.Sc.; Instructor in Mathematics, Pennsylvania State College, State College, Pa.
1891,	June	GREEN, RUFUS LOT, B.Sc., M.A.; Professor of Mathematics, Stanford University, Cal.
1897,	Oct.	*Greenhill, Alfred George, M.A.; F.R.S.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Ordnance College, Woolwich, England.
1900,	June	GREENSTREET, WILLIAM JOHN, M.A.; Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; F.R.A.S.; Editor of the Mathematical Gazette; Headmaster of the Marling School, Stroud, Gloucestershire, England.
1901,	Oct.	Greenwood, George William, M.A. Roanoke College, Salem, Va.
1906,	Apr.	GRIFFIN, FRANK LOXLEY, B.Sc., M.Sc., Ph.D. (Chicago); Instructor in Mathematics, Williams College, Williamstown, Mass.
1893,	Dec.	GRIFFITHS, IDA, B.A. 95 Garden Street, Poughkeepsie, N. Y.
1899,	Oct.	*Groat, Benjamin Feland, B.Sc.; Professor of Mechanics and Mathematics, School of Mines, University of Minnesota, Minneapolis, Minn.
1907,	Feb.	GROVE, CHARLES CLAYTON, M.A., Ph.D. (Johns Hopkins); Professor of Mathematics and Astronomy, Roanoke College, Salem, Va.
1905,	Sept.	*Guccia, Giovanni Battista, Nob. dei Marchesi di Ganzaria, Math.D. (Rome); Member of the Royal Academy of Sciences, Letters and Fine Arts of Pal- ermo; Member of the Kaiserliche Leopoldinisch-Caro- linische Deutsche Akademie der Naturforscher; Cor- responding Member of the Royal Society of Liége; Founder of the Circolo Matematico di Palermo; Mem- ber of the Société Mathématique de France; Member

of the Deutsche Mathematiker-Vereinigung; Corresponding Member of the Société Philomathique de

28		
Date of Admission.		Paris; Member of the International Commission of
		the Répertoire Bibliographique des Sciences Mathématiques; Founder and Director of the Rendiconti del Circolo Matematico di Palermo; Professor of Higher Geometry, University of Palermo, Palermo, Italy. Via Ruggiero Settimo, 30.
1894,	June	**Gummere, Henry Volkmar, B.Sc., M.A.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Drexel Institute, Philadelphia, Pa. 229 South 44th Street.
1902,	Feb.	Gundersen, Carl, M.A., Ph.D. (Columbia); Instructor in Mathematics, Michigan Agricultural College, East Lansing, Mich.
1906,	Sept.	GUNTHER, CHARLES OTTO, M.E.; Associate Member of the American Society of Mechanical Engineers; Mem- ber of the Circolo Matematico di Palermo; Assistant Professor of Mathematics and Mechanics, Stevens Institute of Technology, Hoboken, N. J.
1902,	Dec.	Hall, Arthur Graham, B.Sc., Ph.D. (Leipzig); Professor of Mathematics, Miami University, Oxford, Ohio.
1894,	Oct.	HALLETT, GEORGE HERVEY, M.A., Ph.D.; Member of the London Mathematical Society; Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. College Hall.
1891,	May	HALSTED, GEORGE BRUCE, M.A., Ph.D. (Johns Hopkins); Member of the Société Mathématique de France; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Mathematical Association; F.R.A.S.; Professor of Mathematics, State Normal School of Colorado, Greeley, Colo.
1901,	Oct.	*Hanawalt, Francis Wayland, M.A.; Professor of Mathematics and Astronomy, Albion College, Albion, Mich. 201 North Ingham Street.
1902,	Dec.	HANCOCK, EDWARD LEE, M.Sc.; Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 532 South Ninth Street.
7.00	A .	1

Apr. Hancock, Harris, B.A., Ph.D. (Berlin), D.Sc. (Paris);
Member of the London Mathematical Society; Member of the Societé Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member

1895,

		29
Date Admis	of	
Admis	sion.	of the Circolo Matematico di Palermo; Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. Auburn Hotel, Mount Auburn.
1900,	Dec.	HANNA, ULYSSES S., M.A., Ph.D. (Pennsylvania); Assistant Professor of Mathematics, Indiana University, Bloomington, Ind. 828 Atwater Avenue.
1894,	Feb.	*Hardcastle, Frances, Member of the London Mathematical Society. 25 Boundary Road, St. John's Wood, London, N. W., England.
1902,	Apr.	HARDY, JAMES GRAHAM, M.A., Ph.D. (Johns Hopkins); Associate Professor of Mathematics, Williams College, Williamstown, Mass.
1891,	May	*Harkness, James, M.A.; Member of the London Mathematical Society; Professor of Mathematics, McGill University, Montreal, Canada.
1891,	Apr.	HART, JAMES NORRIS, C.E., M.Sc.; Professor of Mathematics and Astronomy, University of Maine, Orono, Me.
1905,	Oct.	HART, WALTER WILSON, B.A.; Teacher of Mathematics, Shortridge High School, Indianapolis, Ind.
1907,	Apr.	Hartwell, George Wilber, M.A.; Lecturer in Mathematics, Columbia University. 312 Livingston Hall.
1904,	Feb.	HARVEY, HENRY CLAY, M.Sc.; Professor of Mathematics, State Normal School, Kirksville, Mo. 1315 East Nor- mal Avenue.
1907,	Oct.	HASEMAN, CHARLES, M.A., Ph.D. (Göttingen); Instructor in Mathematics, Indiana University, Bloomington, Ind.
1899,	Dec.	HASKELL, MELLEN WOODMAN, M.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Pro- fessor of Mathematics, University of California, Berke- ley, Cal. P. O. Box 3.
1903,	Feb.	Haskins, Charles Nelson, B.Sc., Ph.D. (Harvard); Assistant Professor of Mathematics, University of Illinois, Urbana, Ill. 907 West California Street.
1891,	May	HATHAWAY, ARTHUR STAFFORD, B.Sc., Professor of Mathematics, Rose Polytechnic Institute, Terre Haute,

Ind. 2206 North Tenth Street.

Seattle, Washington.

1901,

Feb. HAVILAND, EDWIN, JR., B.Sc., M.A. Acting Assistant

Professor of Mathematics, University of Washington,

Date of HAWKES, HERBERT EDWIN, B.A., Ph.D. (Yale); Member 1898. Aug. of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, Yale University, New Haven, Conn. 45 Huntington Street. 1906. Oct. | HAWKESWORTH, REV. ALAN SPENCER: Member of the Circolo Matematico di Palermo. Sheridanville. Pittsburgh, Pa. HAY, GUSTAVUS, B.A., M.D. 1 Hathaway Street, Ja-1894. Aug. maica Plain, Mass. HAYNES, ELI STUART, M.A.; Assistant in the Laws Ob-1905. Dec. servatory, University of Missouri, Columbia, Mo. 310 Hitt Street 1901. HEDRICK, EARLE RAYMOND, M.A., Ph.D. (Göttingen): Aug. Member of the Société Mathématique de France: Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo: Professor and Head of the Department of Mathematics. University of Missouri, Columbia, Mo. Ninth Street. 1900. HEWES, LAURENCE ILSLEY, B.Sc., Ph.D. (Yale); In-Dec. structor in Mathematics, Yale University, New Haven, Conn. Hamden, Conn. HIGDON, JOHN E., B.A.; Assistant Actuary of The State 1904. Oct. Life Insurance Company, Indianapolis, Ind. Life Building. HIGLEY, HOMER RANSOM, M.Sc.; Instructor in Mathe-1906. Oct. matics, Pennsylvania State College, State College, Pa. HILDEBRANDT, THEOPHIL HENRY, B.A., M.Sc.; Fellow in 1907, Sept. Mathematics, University of Chicago, Chicago, Ill. HILL, GEORGE WILLIAM, Ph.D., Sc.D., LL.D.; Ex-Presi-Dec. 1892, DENT; Member of the National Academy of Sciences; Corresponding Member of the Paris Academy of Sciences; Foreign Member of the Royal Society of London; Foreign Associate of the Royal Astronomical Society; Honorary Member of the London Mathematical Society. West Nyack, N. Y. HILTEBEITEL, ADAM MILLER, M.A., Ph.D. (Princeton); 1905. Sept. Head of the Department of Mathematics, Peekskill Military Academy, Peekskill, N. Y. HIMOWICH, ADOLPH A., M.Sc., M.D. 130 Henry Street, 1898. Dec. New York, N. Y.

HITCHCOCK, FANNY R. M., Ph.D. 4038 Walnut Street,

1894.

Mar.

Philadelphia, Pa.

Date of Admission Hodge, Frederick Humbert, M.A. 5755 Drexel Avenue, 1905, Feb. Chicago, Ill. 1902, HODGKINS, HOWARD LINCOLN, M.A., Ph.D. (George Wash-Apr. ington); Professor and Head of the Department of Physics and Dean of the Washington College of Engineering, George Washington University, Washington, D. C. HOLGATE, THOMAS FRANKLIN, M.A., Ph.D. (Clark), 1895, Feb. LL.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics and Dean of the College of Liberal Arts, Northwestern University, Evanston, Ill. 617 Library Street. Hoskins, Leander Miller, C.E., M.Sc.; Professor of 1902, Dec. Applied Mathematics, Stanford University, Palo Alto, Cal. 365 Lincoln Avenue. Howe, Charles Sumner, Ph.D., Sc.D.; F.R.A.S.; Mem-1891, May ber of the Astronomical and Astrophysical Society of America; President of the Case School of Applied Science, Cleveland, Ohio. Howe, Herbert Alonzo, M.A., Sc.D.; Member of the 1891, May Astronomische Gesellschaft; Member of the Astronomical and Astrophysical Society of America; Director of the Chamberlin Observatory of the University of Denver, University Park, Col. HULBURT, LORRAIN SHERMAN, B.A., Ph.D. (Johns Hop-1891, May kins); Collegiate Professor of Mathematics, Johns Hopkins University, Baltimore, Md. HUN, JOHN GALE, Ph.D. (Johns Hopkins); Instructor in 1904. Feb. Mathematics, Princeton University, Princeton, N. J. HUNTINGTON, EDWARD VERMILYE, M.A., Ph.D. (Strass-1901, Oct. burg); Member of the Deutsche Mathematiker-Vereinigung; Editor of the Annals of Mathematics; Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. 35 Fairfax Hall. HURWITZ, WALLIE ABRAHAM, B.Sc., M.A. 12 Mellen 1906, Sept. Street, Cambridge, Mass. HUSSEY, WILLIAM J., B.Sc.; Foreign Associate of the Apr. 1891,

Royal Astronomical Society; Professor of Astronomy and Director of the Observatory, University of Michi-

gan, Ann Arbor, Mich.

- 1896, Nov. Hutchinson, John Irwin, B.A., Ph.D. (Chicago); Associate Editor of the Transactions of the American Mathematical Society; Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. Cornell Heights.
- 1891, May Hyde, Edward Wyllys, C.E.; Actuary of the Columbia Life Insurance Company, Cincinnati, Ohio. 814 Lincoln Avenue, Station D.
- 1904, Apr. Ingold, Louis, M.A.; Instructor in Mathematics, University of Missouri, Columbia, Mo.
- 1907, Dec. IVEY, JOSEPH NETTLES, LL.B., M.A., Ph.D. (Berlin);
  Professor of Mathematics, Tulane University, New Orleans, La.
- 1901, Dec. Jackson, Lambert Lincoln, M.A., Ph.D.; Head of the Educational Department of D. Appleton and Company, New York, N. Y. 581 West 161st Street.
- 1907, Dec. Jackson, William Hartas, M.A.; Member of the London Mathematical Society; Associate Professor of Mathematics, Haverford College, Haverford, Pa.
- 1892, Jan. Jacobus, David S., M.E.; Advisory Engineer, The Babcock and Wilcox Company, New York, N. Y.; Special Lecturer in Experimental Engineering, Stevens Institute of Technology, Hoboken, N. J. 70 Summit Street, Jersey City, N. J.
- 1888, Nov. Jacoby, Harold, Ph.D. (Columbia); Member of the Astronomische Gesellschaft; F.R.A.S.; Rutherford Professor of Astronomy, Columbia University, New York, N. Y. 333 West 76th Street.
- 1906, Sept. James, George Oscar, Ph.D. (Johns Hopkins); Instructor in Mathematics and Astronomy, Washington University, St. Louis, Mo.
- 1905, Dec. Jeans, James Hopwoop, M.A., F.R.S.; Member of the London Mathematical Society; Professor of Applied Mathematics, Princeton, N. J.
- 1897, Apr. JOFFE, S. A., M.Sc.; Member of the Circolo Matematico di Palermo; Fellow of the Actuarial Society of America; The Mutual Life Insurance Company of New York. 55 Cedar Street, New York, N. Y.
- 1906, Sept. Johnson, Benjamin Franklin, M.A.; Professor of Mathematics, Missouri State Normal School, Cape Girardeau, Mo.

- 1891, Mar. JOHNSON, WILLIAM WOOLSEY, M.A.; Member of the London Mathematical Society; Professor of Mathematics, U. S. Naval Academy, Annapolis, Md.
- 1907, Apr. Jones, Cecil Charles, M.A., Ph.D. (New Brunswick), LL.D. (Toronto); Chancellor of the University of New Brunswick, Fredericton, N. B., Canada.
- 1904, Oct. Karpinski, Louis Charles, B.A., Ph.D. (Strassburg);
  Member of the Deutsche Mathematiker-Vereinigung;
  Instructor in Mathematics, University of Michigan,
  Ann Arbor, Mich. 735 South 12th Street.
- 1899, Oct. \*Kasner, Edward, M.A., Ph.D. (Columbia); Associate Editor of the Transactions of the American Mathematical Society; Adjunct Professor of Mathematics, Columbia University, New York, N. Y. 22 West 119th Street.
- 1903, Oct. Kellogg, Oliver Dimon, M.A., Ph.D. (Göttingen);
  Assistant Professor of Mathematics, University of
  Missouri, Columbia, Mo. 500 Turner Avenue.
- Dec. Kennelly, A. E., M.A., D.Sc.; F.R.A.S. Harvard University, Cambridge, Mass.
   Dec. Kenyon, Alfred Monroe, M.A.; Professor of Mathe-
- matics, Purdue University, Lafayette, Ind. 103 Waldron Street, West Lafayette.

  1897, Aug. Keppel, Herbert G., B.A., Ph.D. (Clark): Member of
  - 897, Aug. Keppel, Herbert G., B.A., Ph.D. (Clark); Member of the Amsterdam Mathematical Society; Instructor in Mathematics, Northwestern University, Evanston, Ill. 616 Foster Street.
- 1892, Oct. Kerr, William Jasper, D.Sc.; President of the Agricultural College of Utah, Logan, Utah.
- 1897, Aug. Keyser, Cassius Jackson, B.Sc., M.A., Ph.D. (Columbia); Member of the Circolo Matematico di Palermo; American Editorial Representative of the *Hibbert Journal*; Editor for the Department of Pure Mathematics of the *Encyclopedia Americana*; Adrain Professor of Mathematics, Columbia University, New York, N. Y.
- 1907, Sept. King, William Joseph, M.A.; Instructor in Mathematics, U. S. Naval Academy, Annapolis, Md.
- 1906, Oct. KISELJAK, MARIO, M.A., Ph.D. (Vienna); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics and Physics, State College, Sušak, Croatia. Sušak near Fiume, Hungary.

Date of

- 1904, Apr. KNEPPER, MYRTLE, B.L., M.A.; Assistant in Mathematics, State Normal School, Cape Girardeau. Mo.
- 1891, Dec. Knisely, Alexander, B.Sc. Columbia City, Ind.
- 1903, Apr. Koch, Ernest Herman, Jr., B.Sc.; Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 421 Park Place.
- 1907, Dec. Krathwohl, William Charles, B.A.; Tutor in Mathematics, Columbia University, New York, N. Y.
- 1901, Oct. Kuhn, Harry Waldo, Ph.D. (Cornell); Associate Professor of Mathematics, Ohio State University, Columbus, Ohio. 316 West Ninth Avenue.
- 1894, Apr. \*LADUE, POMEROY, B.Sc. Michigan United Railways Company, Lansing, Mich.
- 1893, Dec. LAMBERT, PRESTON ALBERT, M.A.; Professor of Mathematics, Lehigh University, South Bethlehem, Pa. 215
  South Center Street, Bethlehem, Pa.
- 1906, Feb. LAMBERT, WALTER DAVIS, M.A. 3714 Locust Street, Philadelphia. Pa.
- 1897, Jan. LANDIS, WILLIAM WEIDMAN, M.A., Sc.D.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Dickinson College, Carlisle, Pa.
- 1898, Apr. Lanza, Gaetano, B.Sc., C. and M.E.; Professor of Theoretical and Applied Mechanics, in charge of the Department of Mechanical Engineering, Massachusetts Institute of Technology, Boston, Mass.
- 1906, Oct. LASKER, EMANUEL, Ph.D. (Erlangen). 116 Nassau Street, New York, N. Y.
- 1897, May LAVES, KURT, M.A., Ph.D. (Berlin); Member of the Astronomische Gesellschaft; Assistant Professor of Astronomy, University of Chicago, Chicago, Ill.
- 1889, Dec. Legras, Gustave, M.Sc.; Associate Professor of Mathematics, College of the City of New York. St. Nicholas Terrace, New York, N. Y.
- 1900, Oct. Lehmer, Derrick Norman, M.A., Ph.D. (Chicago);
  Assistant Professor of Mathematics, University of
  California, Berkeley, Cal. 2736 Regent Street.
- 1903, Aug. Lennes, Nels Johann, M.Sc.; Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass.

35 Date of Admission. 1905. Apr. | Leonard, Heman Burr, B.Sc., Ph.D. (Colorado). University of Oregon, Eugene, Ore. 1904, Oct. LESTER, OLIVER CLARENCE, M.A., Ph.D. (Yale); Professor of Physics, University of Colorado, Boulder, Colo. 1121 Eleventh Street. 1892, Feb. LEUSCHNER, ARMIN OTTO, B.A., Ph.D. (Berlin), Sc.D.; Member of the Astronomische Gesellschaft; F.R.A.S.; Professor of Astronomy and Director of the Students' Observatory, University of California, Berkeley, Cal. 1816 Scenic Avenue. 1904, Sept. LEVI-CIVITA, TULLIO, Math.D. (Padua); Corresponding Member of the Reale Accademia dei Lincei; Corresponding Member of the Académie Impériale des Sciences de Saint-Pétersbourg; Foreign Member of the Kaiserliche Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher; Corresponding Member of the Reale Istituto Veneto; Member of the Societé Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Theoretical Mechanics, University of Padua, Padua, Italy. Altinate, 14. 1894. June LING, GEORGE HERBERT, Ph.D. (Columbia); Instructor in Mathematics, Columbia University, New York, N. Y. 1907, Apr. LIPKE, JOSEPH, B.Sc., M.A.; Instructor in Mathematics, University of California, Berkeley, Cal. 1900, Dec. LITTLE, CHARLES NEWTON, B.A., Ph.D. (Yale); Professor of Civil Engineering, University of Idaho, Moscow, Id. 1900. June Locke, Leslie Leland, M.A. 404 Quincy Street, Brooklyn, N. Y. 1906, Apr. | Longley, William Raymond, M.Sc., Ph.D. (Chicago); Instructor in Mathematics, Yale University, New Haven, Conn. 121 Brownell Street. 1901, Feb. Love, Augustus Edward Hough, M.A., D.Sc. (Oxford);

> F.R.S.; Honorary Secretary of the London Mathematical Society; Sedleian Professor of Natural Philosophy, Oxford University, Oxford, England. 34 St.

Margaret's Road.

Date of Admission. Apr. | Love, James Lee, M.A.; Assistant Professor of Mathe-1891, matics and Chairman of the Summer School of Arts and Sciences, Harvard University, Cambridge, Mass. 16 Francis Avenue. \*Lovett, Edgar Odell, M.A., Ph.D. (Virginia, Leipzig); 1894, Oct. Member of the Société Mathématique de France; Professor of Astronomy, Princeton University, Princeton, N. J. 1905, LOWBER, JAMES WILLIAM, M.A., Ph.D., D.Sc., LL.D.; Feb. F.R.A.S.; Member of the Société Astronomique de France. 113 East 18th Street, Austin, Texas. LUBY, WILLIAM A., B.A.; Instructor in Mathematics, 1906, Feb. Central High School, Kansas City, Mo. \*Ludlow, Henry Hunt, Graduate of the U.S. Military 1896, Nov. Academy; Major, U. S. Artillery. Fort Hamilton, New York, N. Y. 1903. LUNN, ARTHUR C., M.A., Ph.D. (Chicago); Member of the Astronomical and Astrophysical Society of America; Instructor in Applied Mathematics, University of Chicago, Chicago, Ill. Oct. LYMAN, ELMER A., B.A.; Professor of Mathematics and 1894, Principal of the Michigan State Normal College, Ypsilanti, Mich. 126 North Washington Street. LYMER, JOHN CHARLES, M.A.; Acting Professor of Math-1904. Sept. ematics, Lawrence University, Appleton, Wis. John Street. 1904. LYTLE, ERNEST BARNES, B.Sc., M.A. New Haven, Conn. Box 727, Yale Station. McClenon, Raymond Benedict, B.A., Ph.D. (Yale); 1905, Apr. Assistant Professor of Mathematics, Iowa College, Grinnell, Ia. 1305 Broad Street. \*McClintock, Emory, M.A., Ph.D., LL.D.; Ex-Presi-1889, Dec. DENT; F.I.A.; Member of the Actuarial Society of America; Member of the London Mathematical Society; Vice-President and Actuary of the Mutual Life

1903, Aug. McCormack, Thomas Joseph, LL.B., M.A.; Principal of La Salle-Peru High School, La Salle, Ill.

New York, N. Y.

Insurance Company of New York. 32 Nassau Street,

- 1902, Apr. McDonald, John Hector, B.A., Ph.D. (Chicago); Instructor in Mathematics, University of California, Berkeley, Cal. 2337 Telegraph Avenue.
- 1891, May McDougall, Alexander Hiram, B.A.; Principal of the Collegiate Institute, Ottawa, Canada. 286 Kent Street.
- 1895, Nov. McKinney, Thomas Emery, M.A., Ph.D. (Chicago);
  Associate Professor of Mathematics, Wesleyan University, Middletown, Conn. 5 Brainard Avenue.
- 1891, Apr. McMahon, James, M.A.; Member of the London Mathematical Society; Professor of Mathematics, Cornell University, Ithaca, N. Y. 7 Central Avenue.
- 1891, Apr. McNeill, Malcolm, M.A., Ph.D.; Professor of Mathematics and Astronomy, Lake Forest University, Lake Forest, Ill.
- 1898, Dec. \*Macaulay, Francis Sowerby, M.A., D.Sc. (London); Member of the London Mathematical Society; Associate Editor of the *Mathematical Gazette*; Mathematical Master, St. Paul's School, West Kensington, London, W., England.
- 1891, May Macfarlane, Alexander, M.A., D.Sc. (Edinburgh), LL.D.; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Lecturer on Mathematical Physics, Lehigh University, South Bethlehem, Pa. Victoria Avenue, Chatham, Ontario, Canada.
- 1905, Feb. Maclagan-Wedderburn, Joseph H., M.A.; Fellow of the Royal Society of Edinburgh; Member of the Edinburgh Mathematical Society; Lecturer on Mathematics, University of Edinburgh, Edinburgh, Scotland. 6 Succoth Gardens.
- 1888, Nov. Maclay, James, C.E., Ph.D. (Columbia); Professor of Mathematics, Columbia University, New York, N. Y.
- 1906, Apr. MacMillan, William Duncan, M.A.; Fellow in Astronomy, University of Chicago, Chicago, Ill. 5407 Woodlawn Avenue.
- 1907, Dec. Macneill, Murray, M.A.; Member of the Institute of Actuaries; Professor of Mathematics, Dalhousie University, Halifax, Nova Scotia, Canada.
- 1897, Jan. Maddison, Isabel, B.Sc., Ph.D. (Bryn Mawr); Member of the London Mathematical Society; Assistant to the President and Associate in Mathematics, Bryn Mawr College, Bryn Mawr, Pa.

Date of MAHONEY, JAMES OWEN, B.E., M.Sc.; Teacher of Mathe-1907. Sept. matics, High School, Dallas, Texas. 260 Crockett Street. 1897. MALTBIE, WILLIAM HENRY, M.A., Ph.D. (Johns Hop-Aug. kins): Professor of Mathematics, The Woman's College, Baltimore, Md. MANCHESTER, JAMES EUGENE, B.Sc., D.Sc. (Tübingen); 1900. June Instructor in Mathematics, University of Minnesota, Minneapolis, Minn. MANN, CHARLES RIBORG, M.A., Ph.D. (Berlin); Asso-1891, Nov. ciate Professor of Physics, University of Chicago, Chicago, Ill. MANNING, HENRY PARKER, B.A., Ph.D. (Johns Hop-1891, Nov. kins); Member of the Circolo Matematico di Palermo; Associate Professor of Pure Mathematics. Brown University, Providence, R. I. MANNING, WILLIAM ALBERT, M.A., Ph.D. (Stanford); 1903. Oct. Member of the Circolo Matematico di Palermo; Assistant Professor of Applied Mathematics, Stanford University, Cal. MARKLEY, JOSEPH LYBRAND, M. A., Ph. D. (Harvard); 1891. June Professor of Mathematics, University of Michigan, Ann Arbor, Mich. Geddes and Oxford Road. 1891. Apr. MARTIN, ARTEMAS, M.A., Ph.D., LL.D; Member of the London Mathematical Society; Member of the Societé Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Edinburgh Mathematical Society: Coast and Geodetic Survey, Washington, D. C. 1510 Ninth Street, N. W. MARTIN, EMILIE NORTON, Ph.D. (Bryn Mawr); In-1899, Dec. structor in Mathematics, Mount Holyoke College, South Hadley, Mass. 1903. Dec. MARTIN, LOUIS ADOLPHE, JR., M.E., M.A.; Assistant Professor of Mathematics and Mechanics, Stevens Institute, Hoboken, N. J. 824 Bloomfield Street.

Feb. | MASCHKE, HEINRICH, Ph.D. (Göttingen); Member of the

Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, University of Chicago, Chicago,

1893.

III.

Date of Admission. \*Mason, Max, B.L., Ph.D. (Göttingen); Member of the 1903, Oct. Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. MAXSON, ARTHUR RAY, M.A.; Tutor in Mathematics, 1905, Dec. Columbia University, New York, N. Y. MENDIZÁBAL-TAMBORREL, JOAQUIN DE, M.A., D.Sc., Geo-1892, Mar. graphical and Military Engineer; Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Astronomische Gesellschaft; F.R.A.S.; Captain of Engineer Sociedad "Alzate," Palma No. 13, Mexico, Corps. D. F., Mexico. Oct. \*MERRILL, HELEN ABBOT, B.A., Ph.D. (Yale); Member 1903, of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, Wellesley College, Wellesley, Mass. MERRIMAN, MANSFIELD, Ph.D., Sc.D.; Member of the 1891, Apr. American Philosophical Society; Consulting Engineer. 45 Broadway, New York, N. Y. June Messenger, Hiram John, Lit.B., Ph.D.; Fellow of the 1889, Actuarial Society of America; Actuary of the Travelers Insurance Company, Hartford, Conn. MESSICK, JOHN FREDERICK, B.A., Ph.D. (Johns Hop-1907, Sept. kins); Professor of Mathematics, Randolph-Macon College, Ashland, Va.

1891, Oct. \*Metzler, William H., B.A., Ph.D. (Clark); Fellow of the Royal Society of Edinburgh; Corresponding Fellow of the Royal Society of Canada; Member of the London Mathematical Society; Member of the Societé Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Associate Editor of the Journal of Pedagogy; Francis H. Root Professor of Mathematics, Syracuse University, Syracuse, N. Y. 724 Comstock Avenue.

1903, Oct. MILLER, ERNEST ALLEN, B.Sc., M.A.; Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass. 133 Salisbury Road, Brookline, Mass.

- 1898, Apr. \*\*MILLER, GEORGE A., Ph.D.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Illinois, Urbana, Ill. 907 West Nevada Street.
- 1899, Oct. MILLER, JOHN ANTHONY, M.A., Ph.D. (Chicago); Member of the Astronomical and Astrophysical Society of America; Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa.
- 1906, Feb. MILNE, WILLIAM J., M.A., Ph.D., LL.D.; President of the New York State Normal College, Albany, N. Y. 5 Elic Street.
- 1900, Dec. MITCHELL, HENRY BEDINGER, E.E., M.A.; Adjunct Professor of Mathematics, Columbia University, New York, N. Y. The Benedick, 80 Washington Square East.
- 1905, Apr. Monroe, Walter Scott, B.A.; Principal of the Vandalia High School, Vandalia. Mo.
- 1891, May Moody, William Albion, M.A.; Professor of Mathematics, Bowdoin College, Brunswick, Me. 60 Federal Street.
- 1903, Feb. MOORE, CLARENCE LEMUEL ELISHA, B.Sc., M.A., Ph.D. (Cornell); Member of the Circolo Matematico di Palermo; Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass.
- 1907, Dec. Moore, Charles Napoleon, B.A., M.Sc. Harvard University, Cambridge, Mass.
- \*Moore, Eliakim Hastings, B.A., Ph.D. (Yale; Göttingen, honorary), LL.D.; Ex-President; Member of the National Academy of Sciences; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematic di Palermo; Professor and Head of the Department of Mathematics, University of Chicago, Chicago, Ill. 5607 Monroe Avenue.
- 1906, Oct. Moore, Robert Lee, B.Sc., M.A., Ph.D. (Chicago); Instructor in Mathematics, Princeton University, Princeton, N. J.
- 1905, Apr. Morehead, James Caddall, M.A., M.Sc., Ph.D. (Yale); Instructor in Mathematics, Northwestern University, Evanston, Ill. 714 Foster Street.

- 1902, Apr. MORENO, HALCOTT C., M.A., Ph.D. (Clark); Assistant Professor of Applied Mathematics, Stanford University, Palo Alto, Cal. 1111 Emerson Street.
- 1904, Dec. Moritz, Robert Edouard, B.Sc., Ph.D. (Strassburg);
  Professor of Mathematics, University of Washington,
  Seattle. Wash.
- 1891, May Morley, Frank, M.A., Sc.D. (Cambridge); Member of the London Mathematical Society; Editor of the Bulletin of the American Mathematical Society; Editor of the American Journal of Mathematics; Professor of Mathematics, Johns Hopkins University, Baltimore, Md.
- 1906, Feb. Morris, Richard, M.Sc., Ph.D. (Cornell); Associate Professor of Mathematics and Graphics, Rutgers College, New Brunswick, N. J. 28 Morris Street.
- 1904, Apr. Morrison, Frank Marion, B.A.; Assistant Professor of Mathematics, University of Washington, Seattle, Wash. 4719 15th Avenue, N. E.
- 1906, Sept. Morrow, Emerson Boyd, M.A.; Instructor in Mathematics, The Country School for Boys, Baltimore, Md.
- 1900, Feb. MOULTON, FOREST RAY, B.A., Ph.D. (Chicago);
  F.R.A.S.; Member of the Circolo Matematico di
  Palermo; Member of the Astronomical and Astrophysical Society of America; Associate Editor of the
  Journal of Geography; Assistant Professor of Astronomy, University of Chicago, Chicago, Ill.
- 1900, Dec. \*\*Mukhopâdhyáy, Asutosh, M.A., LL.D.; Member of the Société Mathématique de France; Member of the Edinburgh Mathematical Society; Member of the Circolo Matematico di Palermo; F.R.A.S.; Examiner in Mathematics and Member of the Syndicate, University of Calcutta; Professor of Mathematics at the Indian Association for the Cultivation of Science. 77 Russa Road North, Bhowanipore, Calcutta, India.
- 1898, Oct. Mullen, Loring Blanchard, Ph.D.; Instructor in Mathematics, Girls' High School, Brooklyn, N. Y.
- 1890, Dec. Murray, Daniel Alexander, B.A., Ph.D. (Johns Hopkins); Professor of Applied Mathematics, McGill University, Montreal, Canada.
- 1904, Apr. Myers, George William, M.L., Ph.D. (Munich); Member of the Astronomische Gesellschaft; Member of the Astronomical and Astrophysical Society of America;

Data of		42
Date of Admission.		
		Professor of the Teaching of Mathematics and Astronomy, University of Chicago, Chicago, Ill. 480 East 72d Street (Bryn Mawr).
1903,	Aug.	NEIKIRK, LEWIS IRVING, M.Sc., Ph.D. (Pennsylvania); Instructor in Mathematics, University of Illinois, Urbana, Ill. 1010½ California Street.
1891,	June	Nelson, Alfred Brierley, M.A., M.D.; Professor of Mathematics, Central University, Danville, Ky. 443 West Lexington Avenue.
1895,	Dec.	NEUFELD, JULIUS L., E.E.; Professor of Mathematics, Central High School, Philadelphia, Pa. 1441 North Sixteenth Street.
1891,	Nov.	Newcomb, Simon, D.Sc., Ph.D., LL.D., D.C.L.; Ex- President; Member of the National Academy of Sci- ences; Foreign Member of the Royal Society of Lon- don; Foreign Associate of the Institute of France; Foreign Associate of the Royal Astronomical Society; President of the Astronomical and Astrophysical So- ciety of America; Co-editor of the American Journal of Mathematics; Emeritus Professor of Mathematics and Astronomy, Johns Hopkins University; Professor of Mathematics, U. S. Navy, retired. 1620 P Street, Washington, D. C.
1904,	Dec.	NEWKIRK, BURT LEROY, M.A., Ph.D. (Munich); Member of the Astronomische Gesellschaft; Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics and Mechanics, College of Engineering, University of Minnesota, Minneapolis, Minn.
1906,	Feb.	NEWLIN, WILLIAM J., B.Sc., M.E., M.A.; Associate Professor of Mathematics and Philosophy, Amherst College, Amherst, Mass.
1895,	Oct.	NEWSON, HENRY BYRON, M.A., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the Kansas University Science Bulletin; Professor of Mathematics, University of Kansas, Lawrence, Kan.
1897,	Jan.	Newson, Mary Winston, B.A., Ph.D. (Göttingen).  1702 Massachusetts Street, Lawrence, Kan.

Aug. Nichols, Thomas Flint, B.A., Ph.D. (Clark); Assistant Engineer, State Engineer's Office. Weigh Lock, Syra-

cuse, N. Y.

1899,

43 Date of Admission. NICHOLS, WALTER SMITH, M.A.; Fellow of the Actuarial 1900, Dec. Society; Editor of the Insurance Monitor and the Insurance Law Journal, 100 William Street, New York, N. Y. 1899, Dec. Noble, Charles Albert, B.Sc., Ph.D. (Göttingen); Assistant Professor of Mathematics, University of California, Berkeley, Cal. 2731 Durant Avenue. 1906. OBEAR, GEORGE BARROWS, M.Sc.; Member of the Circolo Sept. Matematico di Palermo; Assistant in Mathematics, Brown University, Providence, R. I. 1891, OLDS, GEORGE DANIEL, M.A., LL.D.; Professor of Mathe-Dec. matics, Amherst College, Amherst, Mass. OLSON, HENRY NATHANIEL, B.A.; Instructor in Mathe-1905, Oct. matics, Bethany College, Lindsborg, Kan. P. O. Box 1891, OSBORNE, GEORGE ABBOTT, B.Sc.; Walker Professor of Apr. Mathematics, Massachusetts Institute of Technology, Boston, Mass. 1895, Feb. OSGOOD, WILLIAM FOGG, M.A., Ph.D. (Erlangen); Ex-PRESIDENT; Member of the National Academy of Sciences; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Harvard University, Cambridge, Mass. 74 Avon Hill Street. OWENS, FREDERICK W., M.Sc., Ph.D. (Chicago); In-1906, Apr. structor in Mathematics, Cornell University, Ithaca, N. Y. 201 Pleasant Street. 1900. PAGE, JAMES MORRIS, M.A., Ph.D. (Leipzig); Professor Dec. of Mathematics and Dean of the University of Virginia, Charlottesville, Va. PALMER, THOMAS WAVERLY, M.A., LL.D.; President of 1907, Feb. the Alabama Girls' Industrial School, Montevallo, Ala. 1897. May PALMIÉ, ANNA HELENE, B.Ph.; Professor of Mathematics, College for Women, Western Reserve University, Cleveland, O. 2733 Euclid Avenue.

- sity, Cleveland, O. 2733 Euclid Avenue.

  1894, Mar. \*Partridge, Edward Anson, B.Sc., M.A., Ph.D.; Professor of Physics, Central Manual Training School, Philadelphia, Pa. 17th and Wood Streets.
- 1907, Feb. PATTILLO, NATHAN ALLEN, M.A., Ph.D. (Johns Hopkins); Professor of Mathematics, Randolph-Macon Woman's College, Lynchburg, Va.

44 Date of Admission. PATTERSON, JAMES LAWSON, B.Ph., D.Sc. (Princeton); 1896. Dec. Head Master of Chestnut Hill Academy, Chestnut Hill, Philadelphia, Pa. 1906, Sept. PEDERSEN, FREDERICK MALLING, E.E., D.Sc.; Instructor in Mathematics, College of the City of New York, New 452 West 144th Street. York, N. Y. 1891, May Peirce, Benjamin Osgood, Ph.D. (Leipzig); Member of the National Academy of Sciences; Member of the Circolo Matematico di Palermo; Member of the Astronomical and Astrophysical Society of America; Hollis Professor of Mathematics and Natural Philosophy, Harvard University, Cambridge, Mass. Jefferson Physical Laboratory. 1898, Oct. Pell, Alexander, Ph.D. (Johns Hopkins); Professor of Mathematics, University of South Dakota, Vermillion, S. D. 1906, Pell, Anna (Mrs. Alexander). Vermillion, S. D. Feb. 1906, PESTA, ROSE ALICE, M.L.; Instructor in Mathematics, Chicago Normal School, Chicago, Ill. 2964 Prairie Avenue. Oct. | Pettegrew, David Lyman, Member of the Circolo Mate-1893, matico di Palermo. P. O. Box 75, Worcester, Mass. PFISTER, JOSEPH CLEMENT, M.A.; Adjunct Professor of 1892, Oct. Mechanics, Columbia University, New York, N. Y. PHILLIPS, ANDREW WHEELER, M.A., Ph.D. (Yale); Pro-1896, fessor of Mathematics and Dean of the Graduate School, Yale University, New Haven, Conn. 90 High Street. PHILLIPS, HENRY BAYARD, B.Sc., Ph.D. (Johns Hop-1906, Feb. kins); Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass. PIERCE, ARCHIE BURTON, B.Sc., M.A., Ph.D. (Zurich); 1903, Aug. Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 732 Packard Street. Oct. PIERPONT, JAMES, Ph.D. (Vienna); Member of the So-1894,

> ciété Mathématique de France; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Yale University, New Haven, Conn. 42 Mansfield Street. PIERSON, ISRAEL CORIELL, M.A., Ph.D.; Member of the

Actuarial Society of America; Consulting Actuary.

141 Broadway, New York, N. Y.

1889,

- 1905, Feb. PLIMPTON, GEORGE ARTHUR, B.A.; Trustee of Amherst College; Treasurer of Barnard College. Ginn and Company, 70 Fifth Avenue, New York, N. Y.
- 1905, Feb. PONZER, ERNEST WILLIAM, M.Sc.; Instructor in Mathe matics, University of Illinois, Champaign, Ill. 708

  South Fourth Street.
- 1890, Dec. Poor, Charles Lane, Ph.D. (Johns Hopkins); Member of the Astronomische Gesellschaft; F.R.A.S.; Editor of the Annals of the New York Academy of Sciences; Professor of Astronomy, Columbia University, New York, N. Y. 4 East 48th Street.
- 1905, Sept. Poor, John Merrell, B.A., Ph.D (Princeton); Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Astronomy, Dartmouth College, Hanover, N. H.
- 1897, Feb. PORTER, MILTON BROCKETT, B.Sc., M.A., Ph.D. (Harvard); Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Texas, Austin, Texas.
- 1907, Feb. Posey, Francis Dunnington, B.A. Shortridge High School, Indianapolis, Ind.
- 1907, Sept. Powell, H. Wheeler, B.Sc.; Tutor in Mathematics, College of the City of New York. St. Nicholas Terrace, New York, N. Y.
- 1892, May PRENTISS, ROBERT WOODWORTH, M.Sc.; Professor of Mathematics and Astronomy, Rutgers College, New Brunswick, N. J. Benner Street, Highland Park.
- 1907, Oct. PROCTOR, CHARLES A., B.A.; Assistant Professor of Mathematics, Dartmouth College, Hanover, N. H.
- 1889, Dec. \*Pupin, Michael Idvorsky, B.A., Ph.D. (Berlin), Sc.D. (Columbia, honorary); Professor of Electro-Mechanics, Columbia University, New York, N. Y.
- 1891, June Puryear, Charles, B.Sc., M.A., C.E.; Professor of Mathematics, Agricultural and Mechanical College of Texas, College Station, Texas.
- 1902, Apr. Putnam, Thomas Milton, M.Sc., Ph.D. (Chicago);
  Assistant Professor of Mathematics, University of California, Berkeley, Cal.
- 1906, Apr. Quinn, John James, Ph.D.; Supervisor of Manual Training, Scottdale, Pa.
- 1903, Dec. RAGSDALE, VIRGINIA, B.A., Ph.D. (Bryn Mawr). Jamestown, N. C.

Date of

- 1894, Mar. RAND, JOHN HOLMES, M.A.; Professor of Mathematics, Bates College, Lewiston, Me. 28 Frye Street.
- 1904, Oct. RANUM, ARTHUR, Ph.D.; Instructor in Mathematics, Cornell University, Ithaca, N. Y. 91 Wait Avenue.
- 1903, Dec. RASOR, S. EUGENE, M.A., M.Sc.; Assistant Professor of Mathematics, Ohio State University, Columbus, Ohio.
- 1891, Dec. RAYSON, AMY, M.A.; Joint Principal of School for Girls, New York, N. Y. 168 West 75th Street.
- 1905, Feb. \*Reddick, Harry Wilfred, M.A.; Livingston Hall, Columbia University, New York, N. Y.
- 1907, Apr. Regis, Brother Francis, M.A.; Professor of Mathematics, Christian Brothers' College, St. Louis, Mo.
- 1900, Apr. Reid, Legh Wilber, B.A., M.Sc., Ph.D. (Göttingen);
  Professor of Mathematics, Haverford College, Haverford, Pa.
- 1903, Feb. REYNOLDS, FREDERICK GREGORY, LL.B., Sc.D.; Assistant Professor of Mathematics, College of the City of New York, New York, N. Y. 17 Lexington Avenue.
- 1893, Apr. RICE, CHARLES MOEN, B.A. P. O. Box 215, Worcester, Mass.
- 1905, Apr. RICHARDSON, R. G. D., B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, Brown University, Providence, R. I. 39 Benevolent Street.
- 1905, Apr. RICHARDSON, SOPHIA FOSTER, B.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.
- 1899, Aug. \*RICHMOND, HERBERT WILLIAM, M.A.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; Fellow and Lecturer of King's College, and University Lecturer, Cambridge University, Cambridge, England.
- 1902, Oct. RIETZ, HENRY LEWIS, B.Sc., Ph.D. (Cornell); Assistant Professor of Mathematics, University of Illinois, Urbana, Ill. 907 West California Avenue.
- 1903, Apr. RIGGS, NORMAN C., M.Sc.; Associate Professor of Mathematics, Armour Institute of Technology, Chicago, Ill.
- 1906, Apr. RISLEY, WALTER JOHN, B.Sc., M.A.; Assistant in Astronomy, Harvard University, Cambridge, Mass. 230 Upland Road, Station B.
- 1907, Dec. ROBERTS, MARIA M.; Associate Professor of Mathematics, Iowa State College, Ames, Ia.

		47
Date Admiss		
1891,	May	Member of the Circolo Matematico di Palermo; Emeritus Professor of Mathematics, Princeton University, Princeton, N. J. 34 Bayard Lane.
1896,	Apr.	ROE, EDWARD DRAKE, JR., M.A., Ph.D. (Erlangen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Astronomical and Astrophysical Society of America; John Raymond French Professor of Mathematics, Syracuse University, Syracuse, N. Y.  105 Ostrander Avenue.
1902,	Apr.	ROEVER, WILLIAM HENRY, B.Sc., Ph.D. (Harvard); Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass. 44 Martin Street, Cambridge, Mass.
1906,	Sept.	Ross, George Albert, M.A.; Instructor in Mathematics, George Washington University, Washington, D. C.
1897,	Feb.	ROTHROCK, DAVID ANDREW, M.A., Ph.D. (Leipzig); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Junior Professor of Mathematics, University of Indiana, Bloomington, Ind. 1000 Atwater Avenue.
1904,	Feb.	RUNNING, THEODORE RUDOLPH, M.Sc., Ph.D. (Wisconsin); Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 1019 Michigan Avenue.
1903,	Aug.	Rusk, William James, M.A.; Professor of Mathematics, Iowa College, Grinnell, Ia. 1022 Park Street.
1906,	Oct.	RUSSELL, WILLIAM POLK, B.A.; Instructor in Mathematics, Pomona College, Claremont, Calif.
1907,	Oct.	RYSGAARD, JENS MADSEN, B.A.; Instructor in Mathematics, University of North Dakota, University, N. D.
1898,	Aug.	SAFFORD, FREDERICK HOLLISTER, M.A., Ph.D. (Harvard); Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. College Hall.
1897,	Dec.	SAUREL, PAUL LOUIS, D.Sc. (Bordeaux); Associate Professor of Mathematics, College of the City of New York, New York, N. Y.
1891,	Nov.	SAYRE, HERBERT ARMISTEAD, B.E., Ph.D. (Johns Hopkins); Professor of Mathematics, University of Alabama, University, Ala.
1906,	Oct.	SCARBOROUGH, JAMES HARRIS, M.Sc., M.A.; Member of the Circolo Matematico di Palermo; Professor of

Date of Admission.		
Almin	sion.	Mathematics, Missouri State Normal School, Warrensburg, Mo.
1892,	Feb.	*Schmiedel, Oscar, B.Sc., M.A.; Professor of Mathematics, Bellevue College, Bellevue, Neb.
1900,	Oct.	SCHOTTENFELS, IDA MAY, M.A. 684 East 48th Place, Chicago, Ill.
1892,	Apr.	SCHULTZE, ARTHUR, Ph.D.; Assistant Professor of Mathematics, New York University; Head of the Mathematical Department, High School of Commerce, New York, N. Y.
1893,	Oct.	SCHWATT, ISAAC J., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.
1906,	Feb.	Schweitzer, Arthur Richard, Ph.B., M.Sc. 1906 Oak-dale Avenue, Chicago, Ill.
1891,	May	SCOTT, CHARLOTTE ANGAS, D.Sc. (London); Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Honorary Member of the Amsterdam Mathematical Society; Co-Editor of the American Journal of Mathematics; Professor of Mathematics, Bryn Mawr College, Bryn Mawr, Pa.
1902,	Oct.	SCOTT, GEORGE HARVEY, M.A.; Professor of Mathematics and Astronomy, Yankton College, Yankton, S. D.
1889,	June	SEARLE, REV. GEORGE MARY, M.A., Ph.D.; Superior General of Paulist Fathers, Catholic University, Washington, D. C.
1895,	Aug.	SEE, THOMAS JEFFERSON JACKSON, M.A., M.Sc., Ph.D. (Berlin); Member of the Astronomische Gesellschaft; Member of the Société Astronomique de France; F.R.A.S.; Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the American Philosophical Society; Professor of Mathematics, U. S. Navy, Mare Island, Cal. Naval Observatory.
1902,	Feb.	SÉGUIER, JEAN ARMAND MARIE JOSEPH DE, D.Sc.; Member of the Société Mathématique de France. 56 Rue

des Saints Pères, Paris, France.

Date of Admission.

- 1899, Aug. Sellew, George Tucker, M.A., Ph.D.; Professor of Mathematics, Knox College, Galesburg, Ill.
- 1892, June Shack, Ferdinand, B.Sc., M.A., LL.B. 52 Wall Street, New York, N. Y.
- 1905, Apr. Sharpe, Francis Robert, B.A., Ph.D. (Cornell); Instructor in Mathematics, Cornell University, Ithaca, N. Y. 213 Mitchell Street.
- 1891, Apr. Shattuck, Samuel Walker, B.Sc., M.A., C.E.; Professor of Mathematics, University of Illinois, Champaign, Ill.
- 1894, Mar. Shaw, James Byrnie, M.Sc., D.Sc., Member of the Circolo Matematico di Palermo; Professor of Mathematics, James Millikin University, Decatur, Ill.

  1258 West Macon Street.
- 1907, Dec. Sheldon, Ernest Wilson, M.A.; Instructor in Mathematics, Yale University, New Haven, Conn. 542 Pierson Hall.
- 1906, Dec. Shepard, Elmer I., M.A.; Instructor in Mathematics, Williams College, Williamstown, Mass.
- 1906, Sept. Short, Robert L., B.A.; Mathematical Editor of D. C. Heath and Company, Chicago, Illinois. 378 Wabash Avenue.
- 1906, Oct. Siceloff, Lewis Parker, B.A.; Tutor in Mathematics, Columbia University, New York, N. Y.
- 1906, Feb. SIMPSON, CHARLES GAMBLE, B.Ph., M.A.; Instructor in Mathematics, State University of Iowa, Iowa City, Ia. 309 East Church Street.
- 1905, Feb. Sinclair, Mary Emily, M.A.; Instructor in Mathematics, Oberlin College, Oberlin, Ohio.
- 1904, Oct. SISAM, CHARLES HERSCHEL, Ph.D. (Cornell); Member of the Deutsche Mathematiker-Vereinigung; Associate in Mathematics, University of Illinois, Urbana, Ill. 609 South Busey Avenue.
- 1899, Aug. Skinner, Ernest Brown, B.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Wisconsin, Madison, Wis. 210 Lathrop Street.
- 1899, Oct. Slaught, Herbert Ellsworth, M.A., Ph.D. (Chicago); Member of the Circolo Matematico di Palermo; Editor of the American Mathematical Monthly; Assistant Professor of Mathematics, University of Chicago, Chicago, Ill. 58th Street and Ellis Avenue.

Date Admis	of gion	
1891,	May	*SLICHTER, CHARLES S., M.Sc.; Consulting Engineer, U.
ŕ	•	S. Reclamation Service; Professor of Applied Mathematics, University of Wisconsin, Madison, Wis. 636 Francis Street.
1901,	Apr.	SLOCUM, STEPHEN ELMER, B.E., Ph.D. (Clark); Professor of Applied Mathematics, University of Cincinnati, Cincinnati, Ohio.
1904,	Oct.	SMITH, ADELAIDE; Lecturer on Mathematics, Huguenot College, Wellington, Cape Colony, S. A. 625 Fifth Avenue, San Rafael, Calif.
1905,	Feb.	SMITH, ARTHUR WHIPPLE, M.Sc., Ph.D. (Chicago); Assistant Professor of Mathematics, Colgate University, Hamilton, N. Y.
1904,	Sept.	SMITH, CLARA ELIZA, B.A., Ph.D. (Yale); Instructor in Mathematics, Western College, Oxford, Ohio.
1893,	Oct.	SMITH, DAVID EUGENE, M.Ph., Ph.D., LL.D.; Member of the Deutsche Mathematiker-Vereinigung; Editor of the Bulletin of the American Mathematical Society; Pro- fessor of Mathematics, Teachers College, Columbia University, New York, N. Y.
1898,	Apr.	SMITH, EUGENE RANDOLPH, M.A.; Instructor in Mathematics, Montclair High School, Montclair, N. J. 160 Valley Road.
1905,	Oct.	SMITH, FRANKLIN HANS, M.A.; Instructor in Mathematics, Eastern District High School, Brooklyn, N. Y. 201 West 94th Street, New York, N. Y.
1907,	Feb.	SMITH, GERTRUDE, M.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.
1891,	Nov.	SMITH, PERCEY F., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. 330 Willow Street.
1891,	Apr.	SMITH, WILLIAM BENJAMIN, M.A., Ph.D. (Göttingen), LL.D. (Kentucky); Professor of Philosophy, Tulane University, New Orleans, La.
1904,	Oct.	SNELLING, CHARLES MERCER, Graduate of the Virginia Military Institute, M.A.; Professor of Mathematics, University of Georgia, Athens, Ga. P. O. Box 283.
1889,	Dec.	SNOOK, THOMAS EDWARD, M.E.; Architect and Engineer. 73 Nassau Street, New York, N. Y.
1895,	Apr.	SNYDER, MONROE BENJAMIN, M.A.; Member of the Astronomische Gesellschaft; F.R.A.S.; Professor of Astronomy and Applied Mathematics and Head of the

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Date Admissi		
		Department of Mathematics, Central High School, Philadelphia, Pa.; Director of the Philadelphia Observatory. 2402 North Broad Street.
1896,	Nov.	SNYDER, VIRGIL, M.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the Bulletin of the American Mathematical Society; Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. 214 University Avenue.
1892,	May	SQUIER, GEORGE OWEN, Ph.D. (Johns Hopkins); Major, Signal Corps, U. S. Army. Fort Leavenworth, Kans.
1888,	Nov.	STABLER, EDWARD LINCOLN, M.A., Ph.D. (Columbia); U. S. Leather Co., 26 Ferry Street, New York, N. Y.
1906,	Feb.	STAMPER, ALVA WALKER, B.Sc., M.A., Ph.D. (Columbia); Head of the Department of Mathematics, State Normal School, Chico, Cal. 326 Salem Street.
1894,	Nov.	*STECKER. HENRY FREEMAN, M.Sc., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, Pennsylvania State College, State College, Pa. Lock Box 305.
1891,	Jan.	STEINMETZ, CHARLES PROTEUS, Ph.D; Consulting Engineer of the General Electric Company; Professor of Electrical Engineering, Union University, Schenectady, N. Y.
1907,	Apr.	STELLWAGEN, HERBERT PHILIP, B.Sc.; Teacher of Mathematics, Yeatman High School, St. Louis, Mo. 2048  East Fair Avenue.
1906,	Oct.	STÉPHANOS, CYPARISSOS, Ph.D. (Athens), D.Sc. (Paris); Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of Athens, Athens, Greece. 20 Rue de Solon.
1906,	Apr.	STEPHENS, ROSWELL POWELL, B.A., Ph.D. (Johns Hopkins); Adjunct Professor of Mathematics, University of Georgia, Athens, Ga.
1891,	May	STONE, ORMOND, M.A.; Editor of the Annals of Mathematics; Director of the Leander McCormick Observa-

tory and Professor of Practical Astronomy, University of Virginia, Charlottesville, Va.

52 Date of Admission. Feb. STORY, WILLIAM EDWARD, B.A., Ph.D. (Leipzig); Mem-1897, ber of the London Mathematical Society; Professor of Mathematics, Clark University, Worcester, Mass. 1902, Apr. STRINGHAM, IRVING, B.A., Ph.D. (Johns Hopkins); Professor of Mathematics and Dean of the College of Social Sciences, University of California, Berkeley, Cal. The Owl's Nest, Prospect Avenue. 1903. Feb. STROMQUIST, CARL EBEN, B.Sc., Ph.D. (Yale); Instructor in Mathematics, Princeton University, Princeton, N. J. 1895, Dec. STRONG, WENDELL MELVILLE, LL.B., M.A., Ph.D. (Yale); Fellow of the Actuarial Society of America; Assistant Actuary of the Mutual Life Insurance Company of New York. 32 Nassau Street. 1904, Oct. Study, Eduard, Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Bonn, Bonn, Germany. Goebenstrasse 28. 1906, Apr. | Suter, Jesse Dwight, B.A. The Marburg, Madison, Wis. 1903. Apr. SWARTZEL, KARL DALE, M.Sc.; Associate Professor of Mathematics, Ohio State University, Columbus, Ohio. 308 West Eighth Avenue. 1904, Apr. SWIFT, ELIJAH, M.A., Ph.D. (Göttingen); Instructor in Mathematics, Princeton University, Princeton, N. J. 23 Madison Street. 1891, May \*TABER, HENRY, B.Ph., Ph.D. (Johns Hopkins); Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Clark University, Worcester, Mass. Nov.

- 1896, \*TANNER, JOHN HENRY, B.Sc., Ph.D.; Professor of Mathematics, Cornell University, Ithaca, N. Y. Cornell Heights.
- 1903, Oct. TAYLOR, EDSON HOMER, B.Sc., M.A.; Teacher of Mathematics, Eastern Illinois State Normal School, Charleston, Ill.
- 1891, Apr. TAYLOR, JAMES MORFORD, M.A., LL.D.; Professor of Mathematics, Colgate University, Hamilton, N. Y.
- 1903, Feb. TAYLOR. WILLIAM ERASTUS, M.Ph.; Ph.D. (Syracuse); Professor of Applied Mathematics, College of Applied Science, Syracuse University, Syracuse, N. Y. Irving Avenue.

Date Admiss		
1891,		*Thompson, Henry Dallas, M.A., D.Sc., Ph.D.; Professor of Mathematics, Princeton University, Princeton, N. J. 11 Morven Street.
1897,	Jan.	THORNBURG, CHARLES LEWIS, B.Sc., C.E., Ph.D.; Professor of Mathematics and Astronomy, Lehigh University, South Bethlehem, Pa. 2 University Park.
1901,	Oct.	TORY, HENRY M., M.A., D.Sc., LL.D.; President of the University of Alberta, Canada.
1907,	Oct.	Toussaint, Camille A., M.A.; Tutor in Mathematics, College of the City of New York, New York, N. Y. 3688 Boulevard, Jersey City, N. J.
1906,	Feb.	TOUTON, FRANK C., B.Ph.; Teacher of Mathematics, Central High School, Kansas City, Mo.
1902,	Apr.	TOWNLEY, SIDNEY DEAN, M.Sc., Sc.D. (Michigan); Editor of the Publications of the Astronomical Society of the Pacific; Lecturer in Astronomy, University of California; Assistant Professor of Applied Mathe- matics, Stanford University, Cal.
1895,	Nov.	Townsend, Edgar Jerome, M.A., Ph.D. (Göttingen); Professor of Mathematics and Dean of the College of Science, University of Illinois, Champaign, Ill. 510 John Street.
1905,	Dec.	TRAVIS, JOHN FRANCIS, M.A.; Member of the Circolo Matematico di Palermo. 3927 Forbes Street, Pittsburgh, Pa.
1906,	Sept.	TRIER, BETTY, M.A.; Teacher of Algebra and Sciences, Townsend's School, Newark, N. J. 106 South Fullerton Avenue, Montclair, N. J.
1906,	Feb.	TRIPP, MYRON OWEN, B.Sc., B.A.; Tutor in Mathematics, College of the City of New York, New York, N. Y. Lincoln Park, Yonkers, N. Y.
1903,	Aug.	TRUEBLOOD, MARY ESTHER, M.Ph.; Instructor in Mathematics, Mount Holyoke College, South Hadley, Mass 6 Maple Street, Springfield, Mass.
1894,	Aug.	TYLER, HARRY WALTER, B.Sc., Ph.D. (Erlangen); Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.
1907,	Feb.	Underhill, Anthony Lispenard, B.Sc., Ph.D. (Chicago); Instructor in Mathematics, University of Wisconsin, Madison, Wis. <i>The Hamilton</i> .

54 Date of Admission. 1903. Aug. Upton, Clifford Brewster, M.A.; Instructor in Mathematics, Teachers College, Columbia University; Instructor in Mathematics, Horace Mann High School, New York, N. Y. Nov. VAN AMRINGE, J. HOWARD, M.A., Ph.D. L.H.D., LL.D.; 1888. EX-PRESIDENT; Professor of Mathematics and Dean of Columbia College, Columbia University, New York, N. Y. 48 East 26th Street. 1903, VAN BENSCHOTEN, ANNA LAVINIA, M.Sc.; Professor of Mathematics, Wells College, Aurora, N. Y. 1902, Feb. VAN DER HEYDEN, ALEXANDER FREDERICK, M.A.; Member of the Mathematical Association; Mathematical Master, Middlesbrough High School, Middlesbrough, England. 3 St. John's Terrace. VAN ORSTRAND, CHARLES EDWIN, M.Sc.; Geophysical 1903, Feb. Laboratory, Carnegie Institution, Washington, D. C. 1893. VAN VLECK, EDWARD BURR, M.A., Ph.D. (Göttingen); Apr. Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Editor of the Transactions of the American Mathematical Society; Professor of Mathematics, University of Wisconsin, Madison, Wis. 1891. Apr. VAN VLECK, JOHN MONROE, M.A., LL.D.; Member of the Astronomische Gesellschaft; Emeritus Professor of Mathematics and Astronomy, Wesleyan University, Middletown, Conn. 1900, VAUGHN, WILLIAM JAMES, M.A., LL.D.; Professor of June Mathematics and Astronomy, Vanderbilt University, Nashville, Tenn. 1903, \*Veblen, Oswald, B.A., Ph.D. (Chicago); Member of Aug. the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Princeton University, Princeton, N. J. VIVIAN, ROXANA HAYWARD, B.A., Ph.D. (Pennsylvania); 1900, Dec.

Instructor in Mathematics, Wellesley College, Wellesley, Mass. 106 Gordon Avenue, Hyde Park, Mass.

Dec. Volterra, Vito, Phys.D. (Pisa), Math.D. (Christiania), Sc.D. (Cambridge); Senator of the Kingdom of Italy; Member of the Italian Society of Sciences; Member of

1905,

Date of Admission.

the Reale Accademia dei Lincei; Member of the Reale Accademia delle Scienze di Torino; Corresponding Member of the Institut de France: Corresponding Member of the Königliche Gesellschaft der Wissenschaften zu Göttingen; Corresponding Member of the Reale Istituto Lombardo di Scienze e Lettere; Corresponding Member of the Reale Accademia delle Scienze dell' Istituto di Bologna; Corresponding Member of the Reale Accademia delle Scienze, Lettere ed Arti di Modena; Honorary Member of the London Mathematical Society; Member of the Bureau de la Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Directive Council of the Circolo Matematico di Palermo; Professor of Mathematical Physics and Celestial Mechanics, University of Rome, Rome, Italy. Via in Lucina, 17.

- 1905, Dec. Waddell, Mary Evelyn Gertrude, M.A. Orono, Ontario, Canada.
- 1891, Oct. WAIT, LUCIEN AUGUSTUS, B.A.; Professor of Mathematics, Cornell University, Ithaca, N. Y. Rockledge.
- 1891, Apr. Waldo, Clarence Abiathar, M.A., Ph.D.; Head Professor of Mathematics, Purdue University, Lafayette, Ind. 806 South Street.
- 1898, Dec. Walker, Buzz M., M.Sc., Ph.D. (Chicago); Professor of Mathematics and Director of the School of Engineering, Mississippi Agricultural and Mechanical College, Agricultural College, Miss.
- 1905, Apr. Walker, Mary Shore, M.A.; Assistant in Mathematics, University of Missouri, Columbia, Mo. 1113
  University Avenue.
- 1898, Apr. WASHBURNE, ALVA COURTENAY, Member of the Actuarial Society of America; Actuary of the Hartford Life Insurance Company, Hartford, Conn.
- 1902, Apr. Webb, Harrison Emmett, B.A.; Instructor in Mathematics and Science, Stevens School, Hoboken, N. J. 8 Irving Place, Summit, N. J.
- 1891, Oct. Webb, John Burkitt, C.E.; Emeritus Professor of Mathematics and Mechanics, Consulting Engineer, Stevens Institute of Technology, Hoboken, N. J. Hoboken, N. J.

Date of Admission.

- 1891, May Webster, Arthur Gordon, B.A., Ph.D. (Berlin), Sc.D. (Tufts); Member of the National Academy of Sciences; Member of the Deutsche Mathematiker-Vereinigung; Professor of Physics, Clark University, Worcester, Mass.
- 1891, June Weeks, Rufus Wells, Associate of the Institute of Actuaries; Corresponding Member of the Institut des Actuaires Français; Member of the Deutscher Verein für Versicherungs-Wissenschaft; Vice-President and Chief Actuary of the New York Life Insurance Company. 346 Broadway, New York, N. Y.
- 1892, Feb. Weld, Laenas Gifford, B.Sc., M.A.; Professor of Mathematics and Astronomy and Dean of the College of Liberal Arts, State University of Iowa, Iowa City, Ia.
- 1891, Apr. Wells, Webster, B.Sc.; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.
- 1896, Sept. Wentz, Estella Kate, M.Sc.; Instructor in Mathematics, Manual Training High School, Indianapolis, Ind.
- 1897, Feb. Wernicke, August Ludwig Paul, Ph.D. (Göttingen);
  Member of the Deutsche Mathematiker-Vereinigung;
  Instructor in Mathematics, Washington University,
  St. Louis, Mo.
- 1897, Dec. \*Western, Alfred Edward, M.A.; Member of the London Mathematical Society; Fellow of the Cambridge Philosophical Society. 36 Lancaster Gate, London, W., England.
- 1902, Dec. Westfall, W. D. A., B.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, University of Missouri, Columbia, Mo. Nikolausbergerweg 35A, Göttingen, Germany.
- 1898, Aug. Westlund, Jacob, Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Associate Professor of Mathematics, Purdue University, Lafayette, Ind. 222 Main Street, West Lafayette.
- 1892, Nov. WHITE, HENRY SEELY, B.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the Transactions of the American Mathematical Society; Professor of Mathematics, Vassar College, Poughkeepsie, N. Y.

Date of Admission. 1902, A

- Apr. WHITNEY, ALBERT WURTS, B.A.; Assistant Professor of Mathematics and Insurance Methods, University of California, Berkeley, Cal. Canyon Road.
- 1897, Dec. \*Whittaker, Edmund Taylor, M.A., Sc.D., F.R.S.; Member of the London Mathematical Society; F.R.A.S.; Royal Astronomer of Ireland, Dunsink Observatory, Dublin, Ireland.
- 1897, Feb. WHITTEMORE, JAMES KELSEY, M.A.; Editor of the Annals of Mathematics; Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. 371

  Harvard Street.
- 1899, Feb. WILCZYNSKI, ERNST JULIUS, Ph.D. (Berlin); Member of the Circolo Matematico di Palermo; Associate Professor of Mathematics, University of Illinois, Champaign, Ill. 817 West Hill Street.
- 1892, May WILLARD, JOSEPH MOODY, B.A.; Professor of Mathematics, Pennsylvania State College, State College, Pa.
- 1895, May Williams, Clarke Benedict, M.A.; Olney Professor of Mathematics, Kalamazoo College, Kalamazoo, Mich. 214 Stuart Avenue.
- 1892, May Williams, Ella Cornelia, M.A. 106 West 49th Street, New York, N. Y.
- 1905, Sept. WILLIAMS, JOHN EDWARD, M.A., Ph.D. (Virginia);
  Professor of Mathematics, Virginia Polytechnic Institute, Blacksburg, Va.
- 1898, Apr. WILLIAMS, WILLIAM HILL, M.A.; Professor of Mathematics, Wisconsin State Normal School, Platteville, Wis.
- 1891, May WILLSON, FREDERICK NEWTON, M.A., C.E.; Professor of Descriptive Geometry, Stereotomy, and Technical Drawing, John C. Green School of Science, Princeton University, Princeton, N. J. P. O. Bow 63.
- 1901, Oct. WILSON, ALBERT HARRIS, M.Sc.; Associate Professor of Mathematics, Alabama Polytechnic Institute, Auburn, Ala.
- 1906, Apr. WILSON, ALBERT MILLER, M.A.; Teacher of Mathematics, McKinley High School, St. Louis, Mo.
- 1904, Sept. WILSON, DELONZA TATE, M.A., Ph.D. (Chicago); Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Mathematics and

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Date of Admission.		
	.02.	Astronomy, Case School of Applied Science, Cleveland, Ohio.
1899,	Dec.	WILSON, EDWIN BIDWELL, B.A., Ph.D. (Yale); Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Associate Editor of the Transactions of the American Mathematical Society; Associate Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass. 16 Lee Street, Cambridge, Mass.
1900,	Dec.	Wilson, Norman Richard, M.A., Ph.D. (Chicago); Assistant Professor of Mathematics, Wesley College, University of Manitoba, Winnipeg, Canada. Portage Avenue.
1903,	Oct.	WILSON, ROBERT EDWARD, B.Ph., M.A.; Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, Northwestern University, Evanston, Ill. 1939 Sherman Avenue.
1906,	Sept.	WITHERS, JOHN WILLIAM, B.Sc., M.A., Ph.D. (Yale); President of Teachers College, St. Louis, Mo.
1899,	Dec.	Wood, Ruth Goulding, B.L., Ph.D. (Yale); Instructor in Mathematics, Smith College, Northampton, Mass. 113 Prospect Street.
1895,	Oct.	Woods, Frederick S., M.A., Ph.D. (Göttingen); Editor of the Annals of Mathematics; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass. 123 Sumner Street, Newton Centre, Mass.
1891,	May	*Woodward, Robert Simpson, C.E., Ph.D., Sc.D., LL.D.; Ex-President; Member of the National Academy of Sciences; Associate Editor of Science; President of the Carnegie Institution of Washington. The Car- negie Institution, Washington, D. C.
1891,	May	WORTHEN, THOMAS WILSON DORR, M.A.; Professor of Mathematics, Dartmouth College, Hanover, N. H.
1903,	Dec.	WRIGHT, JOSEPH EDMUND, M.A.; Member of the London Mathematical Society; Fellow of Trinity College, Cam- bridge, England; Associate Professor of Mathematics, Bryn Mawr College, Bryn Mawr, Pa.
1898,	Oct.	WRIGHT, WALTER CHANNING, Member of the Actuarial

Society of America; Consulting Life Insurance Actuary. 45 Milk Street, Room 701, Boston, Mass.

Date o		
1902,	Oct.	YANNEY, BENJAMIN FRANKLIN, M.A.; Member of the Circolo Matematico di Palermo; Professor of Mathe- matics, Mount Union College, Alliance, Ohio.
1903,	Dec.	Young, Archer Everett, B.A., Ph.D. (Princeton); Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, Purdue University, Lafay- ette, Ind. 1502 Cason Street.
1891,	May	Young, Jacob William Albert, M.A., Ph.D. (Clark); Assistant Professor of the Pedagogy of Mathematics, University of Chicago, Chicago, Ill. 5430 Washington Avenue.
1902,	Feb.	Young, John Wesley, M.A., Ph.D. (Cornell); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the Bulletin of the American Mathematical Society; Collaborator of the Bulletin des Sciences Mathématiques; Assistant Professor of Mathematics, Princeton University, Princeton, N. J. 15 Madison Street.
1902,	Oct.	Young, William Henry, M.A., Sc.D.; F.R.S.; Member of the London Mathematical Society; Fellow of the Cambridge Philosophical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; President of the Liverpool Mathematical Society; Lecturer in Higher Analysis, University of Liverpool, Liverpool; Lecturer in Mathematics, Girton College, Cambridge, England. Wilhelm-Weberstrasse 44A, Göttingen, Germany.
1893,	Mar.	YOWELL, EVERETT IRVING, M.Sc., C.E.; Instructor in Mathematics, U. S. Naval Academy, Annapolis, Md.
1891,	Apr.	ZIWET, ALEXANDER, C.E.; Member of the Deutsche Mathematiker-Vereinigung; Editor of the Bulletin of the American Mathematical Society; Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 644 South Ingalls Street.

Number of members, January 1, 1908	582
Number of members, January 1, 1907	554
Members admitted during the year 1907	44
Members withdrawing during the year 1907	16