## MEMBERS OF THE SOCIETY.

## JANUARY 1, 1898.

Admission.				
1892,		ABBE, CLEVELAND, M.A., Ph.D., LL.D.; Member of the National Academy of Sciences; F.R.A.S.; Member of the Astronomische Gesellschaft; Editor of the Monthly Weather Review; Professor of Meteorology, U.S. Weather Bureau; Professor of Meteorology, Columbian University; U.S. Weather Bureau, Washington, D. C.		
1891,	Nov.	ALEY, ROBERT JUDSON, M.A., Ph.D. (Pennsylvania); Professor of Mathematics, Indiana University, Bloomington, Ind.		
1897,		ALLEN, JOSEPH, M.A.; Tutor in Mathematics, College of the City of New York. 17 Lexington Avenue, New York, N. Y.		
1892,	Apr.	Annis, Burleigh Smart, M.A.; Hartford, Conn.		
1891,	June	BAKER, ALFRED, M.A.; Member of the Société Mathématique de France; Professor of Mathematics, University of Toronto, Toronto, Canada.		
1891,	Feb.	BAKER, ARTHUR LATHAM, C.E., Ph.D.; Professor of Mathematics, University of Rochester, Rochester, N. Y. 28 Strathallan Park.		
1891,	Apr.	BAKER, MARCUS, M.A.; Cartographer, U. S. Geological Survey, Washington, D. C.		
1894,	Mar.	BALDWIN, JAMES ROBERT, M.A.; Teacher of Mathematics, Davenport Business College, Davenport, Iowa. 305 East 11th Street.		
1894,	Oct.	BARNUM. CHARLOTTE CYNTHIA, B.A., Ph.D. (Yale); 144 Humphrey Street, New Haven, Conn.		
1892,	Apr.	BARTON, SAMUEL MARX, B.A., Ph.D.; Professor of Mathematics, University of the South, Sewanee, Tenn.		
1891,	Apr.	BASS, EDGAR WALES, Graduate of the U. S. Military Academy; Professor of Mathematics, U. S. Military Academy, West Point, N. Y.		
1891,	Apr.	BEMAN, WOOSTER WOODRUFF, M.A.; Member of the London Mathematical Society; Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 813 East Kingsley Street.		
1897,	Dec.	BENNER, HENRY, M.S., Ph.D. (Erlangen); Professor of Mathematics, Albion College, Albion, Mich.		
1897,	Feb.	BERRY, ARTHUR, M.A.; Member of the London Mathematical Society; F.R.A.S.; Fellow and Assistant Tutor in Mathematics, Kings College, Cambridge, England.		

Date of Admission.
1891, Dec.

BLAKE, EDWIN MORTIMER, E.M., Ph.D. (Columbia); Instructor in Mathematics, Purdue University, Lafayette, Ind. 412 Salisbury Street.

BÔCHER, MAXIME, B.A., Ph.D. (Göttingen); Associate Ed-

itor of the Annals of Mathematics; Assistant Professor of

1892, Apr.

1891, Nov.

Mathematics, Harvard University, Cambridge, Mass. 12 Shepard Street. Bolza, Oskar, Ph.D. (Göttingen); Professor of Mathema-

tics, University of Chicago, Chicago, Ill.

1891, June BOWSER, EDWARD ALBERT, C.E., LL.D.; Professor of Mathematics, Rutgers College, New Brunswick, N. J.

1891, June Brooks, John Milton, M.A.; Instructor in Mathematics, John C. Green School of Science, Princeton University, Princeton, N. J. P. O. Box 71.

BROWN, EDWARD LEROY, M.A.; Instructor in Mathematics, University of Colorado, Boulder, Colo. P. O. Bow 21.
BROWN, ERNEST WILLIAM, M.A., D.Sc. (Cambridge); Member of the London Mathematical Society; F.R.A.S.; Pro-

ber of the London Mathematical Society; F.R.A.S.; Professor of Applied Mathematics, Haverford College, Haverford, Pa.

1891, June Bullis, Abram Rogers, B.Sc., B.C.E.; Macedon, Wayne

County, N. Y.

BURNHAM, ALTON CYREL, B.Sc.; Instructor in Mathematics, University of Illinois, Urbana, Ill. 903 California

Avenue.

1891, Apr. BYERLY, WILLIAM ELWOOD, M.A., Ph.D. (Harvard); 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.

1897, Oct. CAPRON, PAUL, M.A.; Dummer Academy, So. Byfield, Mass.

1896, Apr. CHACE, ARNOLD BUFFUM, M.A., D.Sc. (Brown); Valley

Falls, R. I.
CHANDLER, CHARLES HENRY, M.A.; Professor of Mathe-

1891, May CHANDLER, CHARLES HENRY, M.A.; Professor of Mathematics, Ripon College, Ripon, Wis.
1891, Nov. CHAPMAN, CHARLES HIRAM, B.A., Ph.D. (Johns Hop-

CHAPMAN, CHARLES HIRAM, B.A., Ph.D. (Johns Hop-kins); President of the University of Oregon, Eugene, Oregon.

1895. Nov. CHESSIN ALEXANDER S. Ph.D.: Associate Professor of

1895, Nov. CHESSIN, ALEXANDER S., Ph.D.; Associate Professor of Pure and Applied Mathematics, John Hopkins University, Baltimore, Md.

1895, Nov. CHITTENDEN, J. BRACE, B.Sc., M.A., Ph.D. (Königsberg);
Tutor in Mathematics, Columbia University, New York,
N. Y.

- Date of Admission.
- Admission.
  1891, Apr. CLARK, JOHN EMORY, M.A.; Professor of Mathematics,
- Yale University, New Haven, Conn. 445 Orange Street.
  CLUTZ, FRANK HOLLINGER, B.A., Ph.D.; Midland College,
  Atchison, Kan.
- 1893, Feb. COHEN, ABRAHAM, B.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Johns Hopkins University, Baltimore, Md.
- 1893, Oct. COLAW, JOHN MARVIN, M.A.; Associate Editor of the American Mathematical Monthly; Principal of the Monterey High School, Monterey, Va.
- 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.
  1892, Oct. Conant, Levi Leonard, M.A., Ph.D.; Editor of the Jour-

nal of the Polytechnic Institute; Associate Professor of Mathe-

- matics, Worcester Polytechnic Institute, Worcester, Mass.

  1891, Apr. CRAWLEY, EDWIN SCHOFIELD, B.Sc., Ph.D.; Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.
- 1891, Dec. CUNNINGHAM, SUSAN J.; Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa.
   1891, June DAVIES, JOHN EUGENE, M.A., M.D., LL.D.; Professor of Electricity and Mathematical Physics, University of Wis-
- consin, Madison, Wis. 523 N. Carroll Street.

  DAVIS, ELLERY WILLIAMS, B.Sc., Ph.D. (Johns Hopkins);
  Professor of Mathematics, University of Nebraska, Lincoln, Nebraska.
- 1891, Oct. DAVIS, JOHN WOODBRIDGE, C.E., Ph.D.; Principal of the Woodbridge School, 523 W. 173d Street, New York, N.Y.
  1891, Apr. DAVIS, NATHANIEL FRENCH, M.A., LL.D.; Professor of

Pure Mathematics, Brown University, Providence, R. I.

- 21 George Street.

  DELONG, IRA MITCHELL, M.A.; Professor of Mathematics,
  University of Colorado, Boulder, Colo.
- University of Colorado, Boulder, Colo.

  1895, Jan. DELURY, ALFRED TENNYSON, B.A.; Lecturer in Mathematics, University of Toronto, Toronto, Can.
- matics, University of Toronto, Toronto, Can.

  1892, Jan. DENNETT, WILLIAM SAWYER, B.A., M.D.; & E. 49th Street,
  New York, N. Y.
- 1896, Nov. DICKSON, LEONARD EUGENE, B.Sc., M.A., Ph.D. (Chicago); Instructor in Mathematics, University of California, Berkeley, Cal. 2029 Durant Avenue.
- 1893, Dec. DOOLITTLE, CHARLES L., C.E., D.Sc.; Member of the Astronomische Gesellschaft; Professor of Mathematics and Astronomy and Director of the Flower Observatory, University of Pennsylvania, Philadelphia, Pa.

1897, Apr. Dowling, Linneus Wayland, Ph.D. (Clark); Instructor in Mathematics, University of Wisconsin, Madison, Wis.

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. 645 Main Street.

1891, Apr. ECHOLS, WILLIAM HOLDING, B.Sc.; Editor of the Annals of Mathematics; Professor of Mathematics, University of Virginia, Charlottesville, Va.

1891, Apr. EDDY, HENRY TURNER, M.A., C.E.; Ph.D., LL.D.; Pro-

1891, Apr. EDDY, HENRY TURNER, M.A., C.E.; Ph.D., LL.D.; Professor of Engineering and Mechanics, University of Minnesota, Minneapolis, Minn. 916 Sixth Street, S. E.
EDMONDSON, THOMAS WILLIAM, B.A., Ph.D. (Clark);
Assistant Professor of Physics, New York University,

University Heights, New York, N. Y.

EICHELBERGER, WILLIAM SNYDER, B.A., Ph.D. (Johns Hopkins); Member of the Astronomische Gesellschaft; Assistant in Nautical Almanac Office, U. S. Naval Observatory, Washington, D. C.

1894, June EIMBECK, WILLIAM; Assistant in the U. S. Coast and Geodetic Survey, Washington, D. C.
1897, Feb. EIESLAND, JOHN, B.Ph.; Professor of Mathematics, Thiel

1894, Mar. ELLWOOD, JOHN KEELEY, M.A.; Principal of the Colfax

School, Pittsburg, Pa. Woodlawn Avenue.

1891, May
ELY, ACHSAH MOUNT, B.A.; Professor of Mathematics,
Vassar College, Poughkeepsie, N. Y.

Vassar College, Poughkeepsie, N. Y.

1896, Nov. EMCH, ARNOLD, M.Sc., Ph.D. (Kansas); Professor of Mathematics, Polytechnic School, Bienne, Switzerland.

1892, Mar. Engler, Edmund Arthur, M.A., Ph.D.; Professor of Mathematics and Descriptive Geometry and Dean of the School of Engineering. Washington University, St. Louis, Mo.

1891, May ESTY, WILLIAM COLE, LL.D.; Professor of Mathematics and Astronomy, Amherst College, Amherst, Mass.

1896, Jan. EVANS, HENRY BROWN, M.E.; Instructor in Astronomy, University of Poppeylyania, Philadelphia, Page Flower.

University of Pennsylvania, Philadelphia, Pa. Flower Astronomical Observatory, Upper Darby, Pa.

1891, May FIELDS, JOHN CHARLES, Ph.D. (Johns Hopkins); Member of the Société Mathématique de France; 10 Burlington Street, Hamilton, Canada.

Date of Admission. 1891. May

FINE, HENRY BURCHARD, M.A., Ph.D. (Leipzig): Professor of Mathematics, Princeton University, Princeton, N. J. FINKEL, BENJAMIN FRANKLIN, M.A., M.Sc.: Editor of the

American Mathematical Monthly; Professor of Mathematics

1891, June

and Physics, Drury College, Springfield, Mo. 1320 Washington Avenue. Oct. FISHER, GEORGE EGBERT, M.A., Ph.D.; Assistant Professor of Mathematics, University of Pennsylvania, Phila-

1895.

1891.

delphia, Pa. Jan. FISHER, IRVING, B.A., Ph.D. (Yale); Editor of the Yale Review: Assistant Professor of Political Science, Yale University, New Haven, Conn. 460 Prospect Street.

1888. Nov.

FISKE, THOMAS SCOTT, M.A., Ph.D., (Columbia): Member of the London Mathematical Society: Editor of the Bulletin of the American Mathematical Society; Professor of Mathematics, Columbia University, New York, N. Y. 1894. Oct. FLOWERS, ROBERT LEE, Graduate of the U.S. Naval Acad-

emy; Professor of Mathematics, Trinity College, Durham,

FRANKLIN, FABIAN, Ph.B., Ph.D. (Johns Hopkins); Mem-

1893.

N. C. Dec. FRANKLAND, FREDERICK WILLIAM; F.I.A.; Member of the Actuarial Society of America; Associate Actuary of the New York Life Insurance Company; 346 Broadway, New York, N. Y.

1892.

Dec.

ber of the London Mathematical Society: 1507 Park Avenue, Baltimore, Md. FREEDMAN, WILLIAM HORATIO, C.E., E.E.; Associate 1895. Jan. Editor of Electric Power; Tutor in Mechanics, Columbia University, New York, N. Y. 157 W. 119th Street.

1897. Mar.

FREELAND, WILLIAM, B.A.; Head Master of the Harvard School, New York, N. Y. 568 Fifth Avenue. FRIZELL, ARTHUR BOWES, B.A.; Instructor in Mathema-1895, Nov. tics, Harvard University. 75 Linden Street, Dorchester,

Oct. GABLE, GEORGE DANIEL, M.A., Ph.D.; Hunt Professor of 1892, Mathematics, Parsons College, Fairfield, Iowa.

GENTRY, RUTH, B.Ph., Ph.D. (Bryn Mawr); Instructor in 1894. Feb. Mathematics, Vassar College, Poughkeepsie, N. Y.

Mass.

1897, Dec. GERMANN, GEORGE B., B.A.; Assistant in Mathematics, Columbia University, New York, N. Y.

GILMAN, GEORGE HOUGHTON, M.A.; 71 Wall Street, New 1891, Jan. York, N. Y.

Date of

Admission.

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 and Tutor of Trinity College, Cambridge, England.

1891, May GLASHAN, JOHN CADENHEAD; Inspector of Public Schools, School Inspector's Office, Ottawa, Canada.

1896, Nov. GLOVER, JAMES WATERMAN, M.A., Ph.D. (Harvard); Instructor in Mathematics, University of Michigan, Ann Arbor, Mich. 1209 South University Avenue.

1897, Oct. Gore, John Kinsey, M.A.; Member of the Actuarial Society of America; Actuary of the Prudential Insurance Company, Newark, N. J.

1897, May GRANVILLE, WILLIAM ANTHONY, B.Ph., Ph.D. (Yale); Instructor in Mathematics, Yale University, New Haven, Conn. 487 Orange Street.

1891, June GREEN, RUFUS LOT, B.Sc., M.A.; Professor of Mathematics, Leland Stanford Jr. University, Stanford University, Cal.

1897, Oct. GREENHILL, ALFRED GEORGE, M.A.; F.R.S.; Professor of Mathematics, Artillery College, Woolwich, England.
1893, Dec. GRIFFITHS, IDA; 51 Langdon Street, Cambridge, Mass.

1894, June GUMMERE, HENRY VOLKMAR, B.Sc., M.A.; Assistant in Mathematics, Swarthmore College, Swarthmore, Pa.

1894, Aug. HAGEN, JOHN GEORGE, S.J.; Director of the Georgetown College Observatory, Washington, D. C.

1891, Nov. HALL, ASAPH JR., B.A., Ph.D. (Yale); Member of the Astronomische Gesellschaft; Professor of Astronomy and Director of the Observatory, University of Michigan, Ann Arbor, Mich.

1892, Apr. HALL, T. PROCTOR, Ph.D. (Clark); 1509 Campbell Street, Kansas City, Mo. 1894, Oct. HALLET, GEORGE H., B.A., M.A.; Instructor in Mathe-

1894, Oct. HALLET, GEORGE H., B.A., M.A.; Instructor in Mathematics, University of Pennsylvania, Philadelphia, Pa.
1891, May HALSTED, GEORGE BRUCE, M.A., Ph.D. (Johns Hopkins);

Member of the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Member of the London Mathematical Society; Professor of Mathematics, University of Texas, Austin, Texas. 2407 Guadalupe Street.

1895, Apr. HANCOCK, HARRIS, B.A., Ph.D. (Berlin); Associate in Mathematics, Chicago University, Chicago, Ill.

1894, Feb. HARDCASTLE, FRANCES, Member of the London Mathematical Society. 38 Eaton Square, London, S. W., England.

1892.

Dec.

- 1891, May HARKNESS, JAMES, M.A.; Professor of Mathematics, Bryn Mawr College, Bryn Mawr, Pa.
- 1891, Apr. HART, JAMES NORRIS, C.E., M.S.; Professor of Mathematics and Astronomy. University of Maine, Orono, Me.
- 1891, May HATHAWAY, ARTHUR STAFFORD, B.Sc.; Professor of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind.

2106 N. 10th Street.

- 1894, Aug. HAY, GUSTAVUS, B.A., M.D. (Harvard); 383 Marlborough Street, Boston, Mass.
- 1895, Nov. HAYES, ELLEN, B.A.; Professor of Applied Mathematics, Wellesley College, Wellesley, Mass. P. O. Box 275.
   1891, Apr. HEAL, WILLIAM EPHRAIM; Member of the London Mathematics, Wellesley College, Wellesley, Mass. P. O. Box 275.
- ematical Society. 1005 Spencer Avenue, Marion, Ind.

  1897. Feb. HEYL, PAUL RENNO, B.Sc.: Fellow in Mathematics, Uni-
  - HEYL, PAUL RENNO, B.Sc.; Fellow in Mathematics, University of Pennsylvania, 4050 Aspen Street, Philadelphia, Pa.

HILL, GEORGE WILLIAM, Ph.D., Sc.D. (Cambridge), LL.D.

- (Columbia, Princeton); EX-PRESIDENT; Member of the National Academy of Sciences; Foreign Associate of the Royal Astronomical Society; West Nyack, N. Y.

  1895. Nov. HILL, JOHN ETHAN, Ph.D. (Clark); Pratt Institute,
- Brooklyn, N. Y.
  HITCHCOCK, FANNIE R. M., Ph. D.; Director of the Womans'
  Graduate Department, University of Pennsylvania, Phila-
- delphia, Pa. 4038 Walnut Street.

  HOLGATE, THOMAS FRANKLIN, M.A., Ph.D. (Clark); Professor of Applied Mathematics, Northwestern University, Evanston, Ill. 617 Hamline Street.
- Evanston, III. 617 Hamline Street.

  HOLLADAY, WALLER, B.Sc., C.E., M.E.; Professor of Mathematics, Cooper Institute; Mathematician of the Equitable Life Assurance Society, 120 Broadway, New York, N. Y.
- 1891, May HOME, NOFL CHARLES MINCHIN, LL.B.; Wescott, Surrey, England.
- 1891, May Howe, Charles Sumner, M.Sc., Ph.D.; Professor of Mathematics and Astronomy, Case School of Applied Science, Cleveland, Ohio.
- 1891, May HOWE, HERBERT ALONZO, M.A., Sc.D.; Member of the Astronomische Gesellschaft; Director of the Chamberlin Observatory of the University of Denver, University Park, Colo.
- 1891, May Hulburt, Lorrain Sherman, M.A., Ph.D. (Johns Hopkins); Associate in Mathematics, Johns Hopkins University, Baltimore, Md.

Date of Admission. 1897. Mar.

HURST, GILBERT HARRISON JOHN, B.A.; Member of the London Mathematical Society: Fellow of King's College, Cambridge, England; Master at Eton College, Windsor, England.

1891. Apr.

HUSSEY, WILLIAM J., B.Sc.; Astronomer in the Lick Observatory, Mt. Hamilton, Cal. HUTCHINSON, JOHN IRVIN, B.A.; Ph.D. (Chicago); Instructor in Mathematics, Cornell University, Ithaca, N. Y.

1896. Nov.

HYDE, EDWARD WYLLYS, C.E.; Associate Editor of the 1891. May Annals of Mathematics: Professor of Mathematics and Dean of the Academic Faculty, University of Cincinnati, Cincinnati, O. 814 Lincoln Avenue, Station "D."

1226 Cascadilla Place.

1891, June | IRELAND, OSCAR BROWN, M.A.; Member of the Actuarial Society of America: Actuary of the Massachusetts Mutual Life Insurance Company, Springfield, Mass. P. O. Box 1608.

1888, Nov.

1892.

Jan.

Feb.

Apr.

Oct.

JACOBUS, DAVID S., M.E.; Professor of Experimental Mechanics and Engineering Physics, Stevens Institute of Technology, Hoboken, N. J. JACOBY, HAROLD, Ph.D. (Columbia); F.R.A.S.; Member

of the Astronomische Gesellschaft; Adjunct Professor of

1893.

Astronomy, Columbia University, New York, N. Y. JAMES, JOHN NELSON, B.A.; U. S. Naval Observatory, Washington, D. C. JOFFE, S.A., M.S.; Teacher of Mathematics in the Ethical Culture Schools, 669 Madison Avenue, New York, N. Y.

1897, 1891. Mar.

JOHNSON, WILLIAM WOOLSEY, M.A.; Member of the London Mathematical Society; Professor of Mathematics, U. S. Naval Academy, Annapolis, Md. JONES, CHARLES NELSON, B.A.; Member of the Actuarial

Mathematics, University of Pennsylvania, Philadelphia,

1891,

Society of America. 127 W. 58th Street, New York, N. Y. 1891, Apr. JONES, GEORGE WILLIAM, M.A.; Professor of Mathematics, Cornell University, Ithaca, N. Y.

1891, Apr. KENDALL, E. OTIS, LL.D.; Vice-Provost and Professor of

3826 Locust Street. 1891, Dec. KENNELLY, A.E., D.Sc.; F.R.A.S.; 1105 Betz Building,

Philadelphia, Pa. 1897, Aug.

KEPPEL, HERBERT G., M.A.; Member of the Mathematical Society of Amsterdam, Netherlands; Instructor in Mathematics, Northwestern University, Evanston, Ill.

- Date of
- 1892, Oct. Kerr, William Jasper, B.Sc.; President of the Brigham Young College, Logan, Utah.
- 1891, Apr. Kershner, Jefferson E., M.A., Ph.D. (Yale); Professor of Mathematics, Franklin and Marshall College, Lancaster, Pa.
- 1897, Aug. KEYSER, CASSIUS JACKSON, B.Sc., M.A.; Tutor in Mathematics, Columbia University, New York, N. Y.
- 1891, Dec. Kinsely, Alexander, B.Sc.; Columbia City, Ind. 1894, Nov. Kleinheksel, John Henry, M.A.; Professor of Mathematics, Hope College, Holland, Mich. 114 East 9th Street.
- 1894, Apr. LADUE, POMEROY, B.Sc.; Professor of Mathematics, New York University, New York, N. Y. University Heights.
   1893, Dec. LAMBERT, PRESTON ALBERT, M.A.; Assistant Professor of Mathematics, Lehigh University, South Bethlehem, Pa. 215 S. Center Street.
- Jan. Landis, William Weidman, M.A.; Professor of Mathematics and Astronomy, Dickinson College, Carlisle, Pa.
   Laves, Kurt, M.A., Ph.D. (Berlin); Member of the Astronomische Gesellschaft; Instructor in Astronomy, Univer-
- sity of Chicago, Chicago, Ill.

  Legras, Gustave, B.Sc.; Assistant Professor of Pure

  Mathematics, College of the City of New York. 17 Lexington Avenue, New York, N. Y.
- 1892, Feb.

  LEUSCHNER, ARMIN OTTO, B.A., Ph.D. (Berlin); F.R.

  A.S.; Member of the Astronomische Gesellschaft; Assistant Professor of Astronomy and Geodesy in charge of the Student's Observatory, University of California, Berkeley, Cal. 2011 Bancroft Way.
- 1891, May Lewis, Charlton Thomas, Ph.D. (New York University);
  Member of Actuarial Society of America. 34 Nassau Street,
  New York, N. Y.
- 1894, June Ling, George Herbert, Ph.D. (Columbia); Instructor in Mathematics, Wesleyan University, Middletown, Conn.
- 1891, June LOUD, FRANK HERBERT, B.A.; Professor of Mathematics and Astronomy, Colorado College, Colorado Springs, Colo.

  1203 North Tejon Street.
- 1891, Apr. LOVE, JAMES LEE, M.A.; Instructor in Mathematics, Harvard University, Cambridge, Mass. 27 Walker Street.

  1894, Oct. LOVETT, EDGAR ODELL, M.A., Ph.D. (Virginia, Leipzig);
- Instructor in Mathematics, Princeton University, Princeton, N. J.

  1896, Nov. Ludlow, Henry Hunt, Graduate of the U. S. Military
- Academy; First Lieutenant, 3d Artillery, U. S. A.; Alcatray Island, San Francisco, Cal.

		14			
Date	Date of				
Admiss		Language Harrier Created Improposes M.A. Di. D. D.			
1091,	June	LUDWIG, HENRY THOMAS JEFFERSON, M.A., Ph.D.; Professor of Mathematics, Physics and Astronomy, North Carolina College, Mt. Pleasant, N. C.			
1894,	Oct.	LYMAN, ELMER A., B.A.; Instructor in Mathematics, University of Michigan, Ann Arbor, Mich.			
1891,	June	McCabe, William, Ll.B., F. I.A.; Member of the Actuarial Society of America. 112-118 King Street, W., Toronto, Canada.			
1889,	Dec.	McCLINTOCK, EMORY, M.A., Ph.D. (Wisconsin), LL.D. (Columbia); EX-PRESIDENT; F.I.A.; Member of the Actuarial Society of America; Member of the London Mathematical Society; Actuary of the Mutual Life Insurance Company of New York. 32 Nassau Street, New York, N. Y.			
1891,	May	McDougall, Alexander Hiram, B.A.; Mathematical Master of the Collegiate Institute, Ottawa, Canada. 286 Kent Street.			
1896,	Apr.	McGAW, FREDERICK MILTON, M.A.; Instructor in Mathematics, Bordentown Military Institute, Bordentown, N. J.			
1897,	Dec.	McKay, Alexander Charles, B.A.; Professor of Mathematics, McMaster University, Toronto, Canada.			
1895,	Nov.	McKinney, Thomas Emery, M.A.; Professor of Mathematics and Astronomy, Marietta College, Marietta, O. 617 Wooster Street.			
1892,	Oct.	McLennan, John Cunningham, B.A.; Assistant Demonstrator in Physics, University of Toronto, Toronto, Canada.			
1891,	Apr.	McMahon, James, M.A.; Member of the London Mathematical Society; Associate Editor of the Annals of Mathematics; Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. 1 Quarry Street.			
1891,	Apr.	McNeill, Malcom, M.A., Ph.D.; Professor of Mathematics			
1891,	May	and Astronomy, Lake Forest University, Lake Forest, Ill.  MACFARLANE, ALEXANDER, M.A., D.Sc. (Edinburgh),  LL.D.; Member of the Circolo Mathematico di Palermo;  Lecturer on Mathematical Physics, Lehigh University,			
1897,	Dec.	South Bethlehem, Pa.  MACKAY, JOHN S., LL.D.; Fellow of the Royal Society of Edinburgh; Member of the Edinburgh Mathematical Society; Master in the Edinburgh Academy. 69 Northumberland Street, Edinburgh, Scotland.			
1897,	Feb.	MACKINNON, ANNIE LOUISE, M.S., Ph.D.; Professor of			
1888,	Nov.	Mathematics, Wells College, Aurora, N. Y.  MACLAY, JAMES, C.E.; Instructor in Mathematics, Columbia University, New York, N. Y.			

bia University, New York, N. Y.

College, Bryn Mawr, Pa.

MADDISON, ISABEL, B.Sc., Ph D. (Bryn Mawr); Secretary to the President and Reader in Mathematics, Bryn Mawr

1897, Jan.

1891, June Magie, William Francis, M.A., Ph.D. (Berlin); Pro-

fessor of Physics, Princeton University, Princeton, N. J.

MALTBIE, WILLIAM HENRY, M. A., Ph.D. (Johns Hopkins);
Associate Professor of Mathematics, The Woman's College,

Baltimore, Md.

1891, Nov. MANN, CHARLES RIBORG, M.A., Ph.D. (Berlin); Associate

in Physics, University of Chicago, Chicago, Ill.

1893, Apr. MANNING, GEORGE LINCOLN, M.E.; Assistant Professor of Physics and Chemistry, Stevens Institute of Technology, Hoboken, N. J. P. O. Box 508, Orange, N. J.

1891, Nov. Manning, Henry Parker, B.A., Ph.D. (Johns Hopkins); Assistant Professor of Pure Mathematics, Brown University, Providence, R. I.

1891, June MARKLEY, JOSEPH LYBRAND, M.A., Ph.D. (Harvard);
Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 912 Forest Avenue.

1891, Apr. MARTIN, ARTEMAS, M.A., Ph.D., LL.D.; Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Circolo Mathematico di Palermo; Editor of the Mathematical Magazine;

1893, Feb. 1534 Columbia Street, N. W.

MASCHKE, HEINRICH, Ph.D. (Göttingen); Associate Professor of Mathematics, University of Chicago, Chicago, Ill.

U. S. Coast and Geodetic Survey Office, Washington, D. C.

5721 Monroe Avenue.

1890, May

MASON, JAMES WIER, M.A.; Member of the Actuarial Society of America; Professor of Pure Mathematics, College of the City of New York, New York, N. Y.

1892, Mar.

MENDIZÁBAL-TAMBORREL, JOAQUIN DE, M.A., D.Sc.; Geographical and Military Engineer; Member of the London Mathematical Society; Member of the Société Mathématique de France, F.R.A.S.; Member of the Astronomische Gesellschaft; Captain of Engineer Corps; Sociedad "Alzate," Palma No. 13, Mexico, D. F., Mexico.

1891, Apr.

MERRIMAN. MANSFIELD. C.E., Ph.D.: Professor of Civil

1891, Apr. Merriman, Mansfield, C.E., Ph.D.; Professor of Civil Engineering, Lehigh University, South Bethlehem, Pa.

1889, June Messenger, Hiram John, Litt.B., Ph.D.; Member of the Actuarial Society of America, Metropolitan Life Insur-

Actuarial Society of America, Metropolitan Life Insurance Company, New York, N. Y. 107 West 48th Street.

1891, Oct.

METZLER, WILLIAM H., B.A., Ph.D. (Clark); Member of the London Mathematical Society: Professor of Mathematical

the London Mathematical Society; Professor of Mathematics, Syracuse University, Syracuse, N. Y. 305 Waverly Place.

16 Date of Admission. 1891. June | MILLER. BLOOMFIELD JACKSON; President of the Actuarial Society of America: Mathematician of the Mutual Benefit Life Insurance Company. 752 Broad Street, Newark. 1891. May MILLER, EPHRAIM, M.A., Ph. D.; Professor of Mathematics. and Astronomy, and Dean of the School of Arts, University of Kansas, Lawrence, Kan. 1244 Tennessee Street. 1891. May MOODY, WILLIAM ALBION, M.A.: Professor of Mathematics, Bowdoin College, Brunswick, Me. 1891, May MOORE, ELIAKIM HASTINGS, B.A., Ph.D.; Member of the Circolo Matematico di Palermo; Member of the London Mathematical Society; Head Professor of Mathematics, University of Chicago, Chicago, Ill. 1896. May MORE, LOUIS TRENCHARD, B.Sc., Ph.D. (Johns Hopkins): Demonstrator in Physics, University of Nebraska, Lincoln, Neb. 1891. May MORELAND, SIDNEY TURNER, M.A., C.E.; Professor of Physics, Washington and Lee University, Lexington, Va. 1891. May MORLEY, FRANK, M.A.; Editor of the Bulletin of the American Mathematical Society; Professor of Pure Mathematics, Haverford College, Haverford, Pa. 1896. Nov. MURFEE, HOPSON OWEN, B.Sc.; Fellow in Astronomy, University of Virginia, Charlottesville, Va. Leander McCormick Observatory. 1890. Dec. MURRAY, DANIEL ALEXANDER, B.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Cornell University, Ithaca, N. Y. 1891, June

- 1891, June NAGLE, JAMES C., M.A., C.E., M.C.E.; Professor of Civil Engineering and Physics, Agricultural and Mechanical College of Texas, College Station, Texas.

  1891, June NELSON, ALFRED BRIERLEY, M.A., M.D. (University of
- Pennsylvania); Professor of Mathematics, Centre College, Danville, Ky. 443 Lexington Avenue.
- 1895, Dec. NEUFELD, JULIUS L., E.E.; Instructor in Mathematics, Central High School, Phila., Pa. 1909 South Broad Street.
  1891, Nov. NEWCOMB, SIMON, B.Sc., Ph.D., LL.D; Member of the
  - Newcomb, Simon, B.Sc., Ph.D., LL.D; Member of the National Academy of Sciences; Foreign Member of the Royal Society of London; Foreign Associate of the Institute of France; Foreign Associate of the Royal Astronomical Society; Associate Editor of the American Journal of Mathematics; Professor of Mathematics and Astronomy at Johns Hopkins University; Professor of Mathematics of the U.S. Navy, retired. 1620 P. Street, Washington, D. C.

1893,

1892,

1895,	Oct.	NEWSON, HENRY BYRON, M.A., Ph.D.; Associate Professor of Mathematics, University of Kansas, Lawrence, Kan.
1891,	June	NICHOLSON, JAMES WILLIAM, M.A., LL.D.; Professor of Mathematics, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La. 901 Convention Street.
1891,	May	NIPHER, FRANCIS EUGENE, M.A.; Professor of Physics, Washington University, St. Louis, Mo.
1895,	Feb.	ODELL, JOHN WILLIAM, B.A.; Fellow in Mathematics, University of Toronto, Toronto, Canada.
1891,	Dec.	OLDS, GEORGE DANIEL, M.A.; Professor of Mathematics, Amherst College, Amherst, Mass.
1891,	Apr	OSBORNE, GEORGE ABBOTT, B.Sc.; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.
1895,	Feb.	OSGOOD, WILLIAM FOGG, M.A., Ph.D. (Erlangen); Assistant Professor of Mathematics, Harvard University, Cambridge, Mass.
1894,	Oct.	OSTERBERG, MAX, E.E., M.A.; New York, N. Y. 11  Broadway.
1897,	May	PALMIÉ, ANNA HELENE, B.Ph. (Cornell); Professor of Mathematics, Western Reserve University, Cleveland, O.
1894,	Mar.	PARTRIDGE, EDWARD ANSON, B.Sc., M.A.; Professor of Physics, Central Manual Training School, Philadelphia, Pa.
1896,	Dec.	PATTERSON, JAMES LAWSON, B.Ph., D.Sc. (Princeton); Head Master of Chestnut Hill Academy, Chestnut Hill, Philadelphia, Pa.
1891,	June	PEARCE, EDWARD, B.A.; Providence, R. I. P. O. Box 1214.
1896,	May	PECK, HENRY ALLEN, M.A., Ph.D. (Strassburg); Member of the Astronomische Gesellschaft; Professor of Astronomy, Syracuse University, Syracuse, N. Y. 307 Waverly Place.
1891,	Мау	

Oct. PETTEGREW, DAVID LYMAN; General Special Agent of the Massachusetts Mutual Life Insurance Company, Spring-

Oct. Prister, Joseph Clement, M.A.; Tutor in Mechanics, Columbia University, New York, N. Y. 1891, June PHILBRICK, PHILETUS HARVEY, M.Sc., C.E.; Pineville, La

field, Mass. P. O. Box 75, Worcester, Mass.

- 18 Date of PHILLIPS, ANDREW WHEELER, M.A., Ph.D. (Yale); Pro-1896, Nov. fessor of Mathematics and Dean of the Graduate School, Yale University, New Haven, Conn. 209 York Street. 1891, June PHILLIPS, GEORGE WILLIAM, B.A.; Member of the Actuarial Society of America; Actuary of the Equitable Life Assurance Society. 120 Broadway, New York, N. Y. 1894, Oct. | PIERPONT, JAMES, Ph.D. (Vienna); Assistant Professor of Mathematics, Yale University, New Haven, Conn. Howard Avenue. 1889, Dec. PIERSON, ISRAEL CORIELL, M.A., Ph.D.; Secretary and Editor of Papers and Transactions of the Actuarial Society of America; Actuary of the Washington Life Insurance Company of New York. 21 Cortlandt Street, New York,
- N. Y. PLUMLEY, GARDNER LADD; Member of the Actuarial So-1892, Nov. ciety of America; Assistant Actuary of the Home Life Insurance Company. 256 Broadway, New York, N. Y. POOR, CHARLES LANE, Ph.D. (Johns Hopkins); F.R.A.S.;

Member of the Astronomische Gesellschaft; Associate Pro-

PRENTISS, ROBERT WOODWORTH, M.Sc.; Professor of Math-

fessor of Astronomy, Johns Hopkins University, Baltimore, Md. PORTER, MILTON BROCKETT, B.Sc., M.A., Ph.D. (Harvard); 1897, Feb. Instructor in Mathematics, University of Texas, Austin,

1890,

1892,

Dec.

May

- ematics and Astronomy, Rutgers College, New Brunswick, N. J. 83 Easton Avenue. PUPIN, MICHAEL IDVORSKY, B.A., Ph.D. (Berlin); Ad-1889, Dec. junct Professor of Mechanics, Columbia University, New
- York, N. Y. PURYEAR, CHARLES, B.Sc., M.A., C.E.; Professor of Math-1891, June ematics, Agricultural and Mechanical College of Texas,
- College Station, Texas. PUTNAM, KENDRICK S., M.A.; City Chamberlain, Rome, 1891, June N. Y.
- 1894, Mar. RAND, JOHN HOLMES, M.A.; Professor of Mathematics,
- Bates College, Lewiston, Me. 28 Frye Street. 1891, Dec. RAYSON, AMY, B.A.; Instructor in Mathematics, Brearley School, New York, N. Y. 176 West 75th Street.
- REES, JOHN KROM, M.A., E.M., Ph.D.; F.R.A.S.; Mem-1888, Nov. ber of the Astronomische Gesellschaft; Professor of Astronomy and Director of the Observatory, Columbia University, New York, N. Y.
- 1893, Apr. | RICE, CHARLES MOEN, B.A.; Worcester, Mass. Box 215.

Date of Admission. 1891, Apr.

RICE, JOHN MINOT, B.Sc., Ph.D. (Stevens Institute); Professor of Mathematics of the U. S. Navy, retired; Northborough, Mass.

1894, Oct. ROBERTS, RALPH AUGUSTUS, M.A.; New York, N. Y. 1891, Oct. ROCKWELL, CHARLES HALL; Tarrytown, N. Y.

1891, May
ROCKWOOD, CHARLES HALL; Tarrytown, N. 1.
ROCKWOOD, CHARLES GREENE, JR., M.A., Ph.D. (Yale);
Professor of Mathematics, Princeton University, Princeton, N. J. 34 Bayard Avenue.

1896, Apr. Roe, Edward Drake, M.A.; Associate Professor of Mathematics, Oberlin College, Oberlin, Ohio. Hauptstrasse, 83<sup>II</sup>
Erlangen, Germany.

1897. Feb. Roethbook, David, Amplew, M.A.; Assistant Professor

1897, Feb. ROTHROCK, DAVID ANDREW, M.A.; Assistant Professor of Mathematics, University of Indiana, Bloomington, Ind. Brüderstrasse 1<sup>III</sup>, Leipzig, Germany.

1897, Dec. SAUREL, PAUL L., B.Sc.; Tutor in Mathematics, College of the City of New York. 17 Lexington Avenue, New York, N. Y.
1891, Nov. SAYRE, HERBERT ARMISTEAD, B.E., Ph.D. (Johns Hop-

1891, Nov. SAYRE, HERBERT ARMISTEAD, B.E., Ph.D. (Johns Hopkins); Professor of Mathematics, Ursinus College, Collegeville, Pa.

1894, Mar. SCHLEGEL, VICTOR, Ph.D. (Leipzig); Member of the So-

ciété Mathématique de France; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Königliche Maschinenbauschule, Hagen, Germany. Volmestrasse 62.

1892, Feb. SCHMIEDEL, OSCAR, B.Sc., M.A.; Professor of Mathematics, Bethany College, Bethany, W. Va.

1895, Mar. SCHMITT, COOPER DAVIS, M.A.; Professor of Mathematics, University of Tennessee, Knoxville, Tenn.
1892, Apr. SCHULTZE, ARTHUR, Ph.D.; Boys' High School, New

1892, Apr. Schultze, Arthur, Ph.D.; Boys' High School, New York, N. Y.
1893, Oct. Schwatt, Issac J., Ph.D.; Assistant Professor of Mathe-

1893, Oct. Schwatt, Issac J., Ph.D.; Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.
1891, May Scott, Charlotte Angas, D.Sc. (London); Member of

the London Mathematical Society; Member of the Edinburgh Mathematical Society; Professor of Mathematics, Bryn Mawr College, Bryn Mawr, Pa.

Searle, Rev. George Mary, M.A., Ph.D.; 415 W. 59th

Street, New York, N. Y.

SEE, THOMAS JEFFERSON JACKSON, M.A., Ph.D. (Berlin);
F.R.A.S.; Member of the Astronomische Gesellschaft;
Astronomer of the Lowell Observatory, Flagstaff, Arizona.

1892, June SHACK, FERDINAND, B.Sc., M.A., I.L.B.; Inspector of Co.i.mon Schools. 56 Wall Street, New York, N. Y.

- 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.; Professor of Mathematics, Illinois College, Jacksonville, Ill. 1030 Grove Street.
- 1894, Jan. SHIELDS, JOHN FRANKLIN, B.Sc.; Professor of Mathematics, Adelphi College, Brooklyn, N. Y.
- 1893, Oct. SMITH, DAVID EUGENE, Ph.M., Ph.D.; Professor of Mathematics, Michigan State Normal College, Ypsilanti, Mich.

  126 N. Washington Street.
- 1891, May SMITH, OTIS DAVID, M.A.; Professor of Mathematics, Alabama Polytechnic Institute, Auburn, Ala.
- 1891, Nov. SMITH, PERCEY FRANKLYN, Ph.B., Ph.D.; Assistant Professor of Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. 154 Humphrey Street.
- 1891, Apr. SMITH, WILLIAM BENJAMIN, M.A., Ph.D. (Göttingen);
  Professor of Mathematics, Tulane University, New Orleans, La.
- 1889, Dec. Snook, Thomas Edward, E.M.; Architect, 261 Broadway, New York, N. Y.
- 1895, Apr. SNYDER, MONROE BENJAMIN, M.A.; Professor of Astronomy and Applied Mathematics, Central High School, Philadelphia, Pa. 2402 North Broad Street.
- 1896, Nov. SNYDER VIRGIL, M A., Ph.D. (Göttingen); Instructor in Mathematics, Cornell University, Ithaca, N. Y. 40 University Avenue.
- 1892, May Squier, George Owen, Ph.D. (Johns Hopkins); First Lieutenant of Artillery, U. S. A.; Instructor in the Department of Electricity and Mines, U. S. Artillery School, Fort Monroe, Va.
- 1888, Nov. STABLER, EDWARD LINCOLN, M.A., Ph.D. (Columbia);
  Actuary of the Manhattan Life Insurance Company, 66

  Broadway, New York, N. Y.
- 1894, Nov. STECKER, HENRY FREEMAN, M.Sc., Ph.D.; Instructor in Mathematics, Northwestern University, Evanston, Ill. 829 Emerson Street.
- 1891, Jan. STEINMETZ, CHARLES PROTEUS; Electrician, General Electric Company, Schenectady, N. Y.
- 1891, June Stevens, Moses Cobb, M.A.; Professor of Mathematics, Purdue University, Lafayette, Ind. 11 Waldron Street.
- 1891, June St. John, Howell William, Ph.B.; Member of the Actuarial Society of America; Actuary of the Ætna Life Insurance Company, Hartford, Conn. P. O. Box 913.

Date of Admission. 1891, May

STONE, ORMOND, M.A.; Associate Editor of the Annals of Mathematics; Director of the Leander McCormick Observatory and Professor of Practical Astronomy, University of

Virginia, Charlottesville, Va. 1897, Feb. Story, WILLIAM EDWARD, B.A., Ph.D. (Leipzig); Mem-

ber of the London Mathematical Society; Editor of the Mathematical Review; Professor of Mathematics, Clark University, Worcester, Mass. May 1891, STRINGHAM, IRVING, B.A., Ph.D. (Johns Hopkins); Pro-

fessor of Mathematics and Dean of the College Faculties, University of California, Berkeley, Cal. Piedmont Way. 1895, Dec. STRONG, WENDELL MELVILLE, M.A.; Tutor in Mathematics, Yale University, New Haven, Conn. 307 Welch

Hall. TABER, HENRY, B.Ph., Ph.D. (Johns Hopkins); Member 1891. May of the London Mathematical Society; Assistant Professor

of Mathematics, Clark University, Worchester, Mass. 1896, Nov. TANNER, JOHN HENRY, B.Sc.; Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. 7 Central Av-

TATLOCK, JOHN, JR., M.A.; F.R.A.S.; Assistant Actuary 1889, Dec. of the Mutual Life Insurance Company of New York. P. O. Box 194, New York, N. Y.

TAYLOR, JAMES MORFORD, M.A., LL.D.; Professor of 1891, Apr. Mathematics, Colgate University, Hamilton, N. Y. May TAYLOR, THOMAS ULVAN, C.E., M.C.E.; Professor of Ap-1891,

plied Mathematics, University of Texas, Austin, Texas. 1891. THOMPSON, HENRY DALLAS, M.A., D.Sc., Ph.D.; Professor Apr. of Mathematics, Princeton University, Princeton, N. J.

80 University Place. THORNBURG, CHARLES LEWIS, B.Sc., C.E., Ph.D.; Professor 1897, Jan. of Mathematics and Astronomy, Lehigh University, South

Bethlehem, Pa. 308 Packer Avenue. TINDALL WILLOUGHBY CORDELL, B.Sc., M.S., M.A.; Pro-1896. Nov. fessor of Mathematics, University of Missouri, Columbia,

Mo. TOWNSEND, EDGAR JEROME, Ph.M.; Associate Professor of 1895, Nov.

Mathematics, University of Illinois, Champaign, Ill. 1893, Nov. TURRELL, ISAAC HODGES; Principal of the Fourth District School, Cincinnati, O. 403 Chase Street, North Side.

TYLER, HARRY WALTER, B.Sc., Ph.D. (Erlangen); Pro-1894, Aug. fessor of Mathematics and Secretary of the Massachusetts Institute of Technology, Boston, Mass.

UNDERHILL, MARY, M.Sc.; Teacher of Mathematics, George 1897, Dec School, Pa.

Date of

Date Admiss		
		VAN AMRINGE, J. HOWARD, M.A., Ph.D., L.H.D., LL.D.; EX-PRESIDENT; Professor of Mathemat cs and Dean of Columbia College, Columbia University, New York, N. Y. 204 W. 44th Street.
1891,	June	VAN VELZER, CHARLES AMBROSE, B.Sc., Ph.D.; Member of the London Mathematical Society; Professor of Mathematics, University of Wisconsin, Madison, Wis.
1893,	Apr.	VAN VLECK, EDWARD BURR, M.A., Ph.D. (Göttingen); Associate Professor of Mathematics, Wesleyan University, Middletown, Conn.
1891.	Apr.	VAN VLECK, JOHN MONROE, M.A., LL.D.; Member of the Astronomische Gesellschaft; Professor of Mathematics and Astronomy, Wesleyan University, Middletown, Conn.
1890,	May	VON NARDROFF, ERNEST ROBERT, E.M.; Instructor in Physics, Erasmus Hall High School, Brooklyn, N. Y. 360A Tompkins Avenue.
1891,	Oct.	WAIT, LUCIEN AUGUSTUS, B.A.; Professor of Mathematics, Cornell University, Ithaca, N. Y. 35 East Avenue.
1891,	Apr	WALDO, CLARENCE ABIATHAR, M.A., Ph.D.; Head Professor of Mathematics, Purdue University, Lafayette, Ind.
1894,	Feb.	WALKER, L. C., M.A.; Lincoln High School, Lincoln, Neb. 325 South 17th Street.
1891,	Oct.	Webb, John Burkitt, C.E.; Professor of Mathematics and Mechanics, Stevens Institute of Technology, Hoboken, N. J.
1891,	May	Webster, Arthur Gordon, B.A., Ph.D. (Berlin); Assistant Professor of Physics, Clark University, Worcester, Mass.
1891,	June	WEEKS, RUFUS WELLS; Member of the Actuarial Society of America; 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, University of Iowa, Iowa City, Ia.
1891,	June	Wells, Daniel Halsey, Ph.B., C.E.; Member of the Actuarial Society of America; Actuary of the Connecticut Mutual Life Insurance Company, Hartford, Conn.
1891,	Apr.	Wells, Webster, B.Sc.; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.
1891,	May	WENTWORTH, GEORGE ALBERT, M.A.; Exeter, N. H.
	Sept.	WENTZ, ESTELLA KATE, B.Sc., M.S.; Instructor in the Industrial Training School, Indianapolis, Ind. 192 Park Avenue.
1897,	Feb.	WERNICKE, AUGUST LUDWIG PAUL; Professor of Modern Languages, State College of Kentucky, Lexington, Ky. 107 East Maxwell Street.

Date of

Admission.				
1897,	Dec.	WESTERN, ALFRED EDWARD, B.A.; Member of the London Mathematical Society. 36 Lancaster Gate, London, W.,		
1000	NT	England.		
1892,	Nov.	WHITE, HENRY SEELY, B.A., Ph.D. (Göttingen); Professor of Pure Mathematics, Northwestern University, Evanstou, Ill. P. O. Box 244.		
1891,	June	WHITNEY, MARY WATSON, M.A.; Professor of Astronomy and Director of the Observatory, Vassar College, Poughkeepsie, N. Y.		
1897,	Dec.	WHITTAKER, EDMUND TAYLOR, B.A.; Member of the London Mathematical Society; Fellow and Lecturer of Trinity College, Cambridge, England.		
1897,	Feb.	WHITTEMORE, JAMES KELSEY, B.A., M.A.; 21 Rue Valette, Paris, France.		
1890,	Oct.	WILEY, GEORGE LANGFORD, M.A.; New York Life Insurance Company. 346 Broadway, New York, N. Y.		
1892,	May	WILL RD, JOSEPH MOODY, B.A.; Professor of Mathematics, Pennsylvania State College, State College, Pa. Oxford, N. H.		
1895,	May	WILLIAMS, CLARKE BENEDICT, M.A.; Professor of Mathematics, Kalamazoo College, Kalamazoo, Mich. 703 West South Street.		
1892,	May	WILLIAMS, ELLA CORNELIA, M.A.; 27 West 60th Street, New York, N. Y.		
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. Box 641.		
1897,	Jan.	WINSTON, MARY FRANCES, B.A., Ph.D. (Göttingen); Pro, fessor of Mathematics, Kansas State Agricultural College-Manhattan, Kan. P. O. Box 414.		
1895,	Oct.	Woods, Frederick S., B.A., Ph.D. (Göttingen); Assistant		

Science; Professor of Mechanics and Dean of the School of Pure Science, Columbia University, New York, N. Y.
WORTHEN, THOMAS WILSON DORR, M.A.; Professor of Mathematics, Darmouth College, Hanover, N. H.

1891, May WOODWARD, ROBERT SIMPSON, C.E., Ph.D.; Associate

Technology, Boston, Mass.

Professor of Mathematics, Massachusetts Institute of

Editor of the Annals of Mathematics; Associate Editor of

- 1891, May Young, Jacob William Albert, M.A.; Instructor in Mathematics, University of Chicago, Chicago, Ill.
- 1893, Mar. YOWELL, EVERETT IRVING, C.E., M.Sc.; Assistant at Cincinnati Observatory, Cincinnati, O.

Date of Admission.
1891, June ZERR, GEORGE B. McClellan, M.A., Ph.D.; President of Russel College, Lebanon, Va.
1891, Apr. ZIWET, ALEXANDER, C.E.; Editor of the Bulletin of the American Mathematical Society; Junior Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 1328  Washtenaw Avenue.
Number of members, January 1, 1898301
Number of members, January 1, 1897280
Members admitted during the year 189736
Members withdrawing during the year 189715