## MEMBERS OF THE SOCIETY.

## JANUARY 1, 1897.

Date of Admission.		- Company of the Comp
	Nov.	ABBE, CLEVELAND, M.A., Ph.D., LL.D.,; Member of the National Academy of Sciences; F.R.A.S.; Member of the Astronomische Gesellschaft; Associate Editor of the American Meteorological Journal; Editor of the Monthly Weather Review; Professor of Meteorology, U. S. Weather Bureau, Washington, D. C.
1895,	Apr.	ACER, SARA ANTOINETTE, B.A.; Professor of Mathematics, Wells College, Aurora, N. Y.
1891,	Nov.	ALEY, ROBERT JUDSON, M.A.; Professor of Mathematics, Indiana University, Bloomington, Ind.; Fellow in Mathematics, University of Pennsylvania, 421 Preston Street, Station B., Philadelphia, Pa.
1892,	Apr.	ANNIS, BURLEIGH SMART, M.A.; Instructor in Mathematics, Northwestern University, Evanston, Ill. 2045 Maple Avenue.
1896,	Sept.	ANTHONY, OSCAR WILLIAMS, B.Sc., M.S., Professor of Mathematics and Astronomy, New Windsor College, New Windsor, Md.
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.; 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, Kernstown, Va.
1891,	Apr.	BASS, EDGAR WALES; Graduate of the U. S. Military Academy; Professor of Mathematics, U. S. Military Academy, West Point, N. Y.

Date of Admission.

- 1891, Apr. Beman, Wooster Woodruff, M.A., Member of the London Mathematical Society; Professor of Mathematics, Uni-
- Street.

  BLAKE, EDWIN MORTIMER, E.M., Ph.D. (Columbia); Instructor in Mathematics, Purdue University, Lafayette, Ind. 121 South Grant Street.

versity of Michigan, Ann Arbor, Mich. 61 East Kingsley

- 1892, Apr. Bôcher, Maxime, B.A., Ph.D. (Göttingen); Associate Editor of the Annals of Mathematics; Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. 12 Shepard Street.
- 1891, Nov. Bolza, Oskar, Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Chicago, Chicago, Ill.
   1891, June Bowser, Edward Albert, C.E., Ll.D.; Professor of
- Mathematics, Rutgers College, New Brunswick, N. J.

  1896, Nov. BROOK, WILLIAM ELLSWORTH, B.C.E., M.A., Instructor in Mathematics, University of Nebraska, Lincoln, Neb
- in Mathematics, University of Nebraska, Lincoln, Neb.

  BROOKS, JOHN MILTON, M.A.; Instructor in Mathematics;

  John C. Green School of Science, Princeton College,

  Princeton, N. J. P. O. Box 71.

  BROWN, EDWARD LEROY, M.A.; Box 28, Highlands,
- Colo.

  BROWN, ERNEST WILLIAM, M.A., F.R.A.S.; member of the London Mathematical Society; Professor of Applied
- Mathematics, Haverford College, Haverford, Pa.

  1891, June Bullis, Abram Rogers, B.Sc., B.C.E., Macedon, Wayne County, N. Y.
- 1895, Mar. BURNHAM, ALTON CYREL, B. Sc.; Göttingen, Germany, Walkenmühlenweg 25.
- 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. 1896, Apr. CHACE, ARNOLD BUFFUM, M.A., D.Sc. (Brown); Valley
- Falls, R. I.
  CHANDLER, CHARLES HENRY, M.A.; Professor of Mathe-
- matics, Ripon College, Ripon, Wis.

  1891, Nov. Chapman, Charles Hiram, B.A., Ph.D. (Johns Hop-
- 1891, Nov. Chapman, Charles Hiram, B.A., Ph.D. (Johns Hopkins); President of the University of Oregon, Eugene, Oregon.
- 1895, Nov. CHESSIN, ALEXANDER S., Ph.D.; Associate Professor of Pure and Applied Mathematics, Johns Hopkins University, Baltimore, Md.

Date of Admission.

1891,

Apr.

1895, Nov. Chittenden, Jonathan Brack, B.Sc., M.A., Ph.D.,

(Königsberg); Tutor in Mathematics, Columbia University, New York, N. Y. 138 East 49th Street.

1891, Apr. Clark, John Emory, M.A.; Professor of Mathematics,

Yale University, New Haven, Conn. 445 Orange Street.

CLUTZ, FRANK HOLLINGER, B.A.; Fellow in Astronomy,
Johns Hopkins University, Baltimore, Md.

1893 Feb. (COHEN ABRAHAM R.A., Ph.D. (Johns Hopkins): Instruc-

1893, Feb. COHEN, ABRAHAM, B.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Johns Hopkins University, Baltimore, Md.

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); Professor of Mathematics, Columbia University, New York, N. Y.
 1892, Oct. Conant, Levi Leonard, M.A., Ph.D.; Associate Professor of Mathematics, Worcester Polytechnic Institute,

Worcester, Mass.

1895, Feb. COTTIER, JOSEPH M.E.; 12 Congress Street, Jersey City,
N. J.

1891, Oct. CRAIG, THOMAS, Ph.D.; Member of the Société Mathématique de France; Editor of the American Journal of Mathematics; Professor of Pure Mathematics, Johns Hopkins University, Baltimore, Md.

1891, Apr. CRAWLEY, EDWIN SCHOFIELD, B.Sc., Ph.D.; Assistant Professor of Mathematics, University of Pennsylvania,

Philadelphia Pa.
CUNNINGHAM, SUSAN J.; Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa.

DAVIES, JOHN EUGENE, M.A., M.D., LL.D.; Professor of Mathematical Physics, Electricity and Magnetism, University of Wisconsin, Madison, Wis. 523 N. Carroll Street.

1891, Apr. 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, 417 Madison Avenue, New York, N.Y.

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. 1305 University

University of Colorado, Boulder, Colo. 1305 University
Street.
1895, Jan. DELURY, ALFRED TENNYSON, B.A.; Lecturer in Mathe-

1895, Jan. Delury, Alfred Tennyson, B.A.; Lecturer in Mathematics, Toronto University, Toronto, Can.

- Date of Admission.
- 1892, Jan. DENNETT, WILLIAM SAWYER, B.A., M.D.; 8 E. 49th Street, New York, N. Y.
- 1896, Nov. DICKSON, LEONARD E., B.Sc., M.A., Ph.D. (Chicago), Leipzig, Floss Platz 36, IV., Germany.
- 1893, Dec. DOOLITTLE, CHARLES L., C.E., Professor of Mathematics and Astronomy, University of Peunsylvania, Philadelphia,
- 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, 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., Professor of Engineering and Mechanics, University of Minnesota, Minneapolis, Minn. 916 Sixth Street, S. E.

  1896, Dec. EDMONDSON, THOMAS WILLIAM, B.A., Ph.D. (Clark),
- Associate Professor of Physics, University of New York,
  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 Obser-
- 1894, June EIMBECK, WILLIAM; Assistant in the U. S. Coast and Geodetic Survey, Washington, D. C.
  1894, Mar. ELLWOOD, JOHN KEELEY, M.A.; Principal of the Colfax

vatory, Washington, D. C.

- 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.
  EMCH, ARNOLD, M.Sc., Ph.D. (Kansas); Assistant in
  Graphics, University of Kansas, Lawrence, Kansas.
- Graphics, University of Kansas, Lawrence, Kansas.

  ENGLER, EDMUND ARTHUR, M.A., Ph.D.; Dean of the School of Engineering, Professor of Mathematics and Descriptive Geometry, 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 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.

1891, June FINKEL, BENJAMIN FRANKLIN, M.A., M.Sc.; Editor of the American Mathematical Monthly; Professor of Mathematics and Physics, Drury College, Springfield, Mo.

1891, Oct. FISHER, GEORGE EGBERT, M.A., Ph.D.; Assistant Profes-

sor of Mathematics, University of Pennsylvania, Philadelphia, Pa.

1895, 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; Adjunct Professor of Mathematics, Columbia University, New York, N. Y.

1894, Oct. Flowers, Robert Lee, Graduate of the U. S. Naval Acad-

1894, Oct. Flowers, Robert Lee, Graduate of the U. S. Naval Academy, Professor of Mathematics, Trinity College, Durham, N. C.

1893, 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. Franklin, Fabian, Ph.B., Ph.D. (Johns Hopkins); Mem-

ber of the London Mathematical Society; 1507 Park
Avenue, Baltimore, Md.

FREEDMAN, WILLIAM HORATIO, C.E., E.E.; Associate
Editor of Electric Power, Tutor in Mechanics, Columbia

FREEDMAN, WILLIAM HORATIO, C.E., E.E.; Associate Editor of *Electric Power*, Tutor in Mechanics, Columbia University, New York, N. Y. 157 W. 119th Street.

FRENCH, JOHN RAYMOND, M.A., LL.D., Professor of Mathematics, and Vice-Chancellor and Dean of the School of

Liberal Arts, Syracuse University, Syracuse, N. Y.

1895, Nov. FRIZELL, ARTHUR BOWES, B.A.; 75 Linden Street, Dorchester, Mass.

1892, Oct. Gable, George Daniel, M.A., Ph.D.; Hunt Professor of Mathematics, Parsons College, Fairfield, Iowa.

1894, June GAERTNER, HERMAN J., B.A.; Professor of Mathematics, Wilmington College, Wilmington, O.
1894, Feb. GENTRY, RUTH, Ph.B., Ph.D. (Bryn Mawr); Instructor in

Mathematics, Vassar College, Poughkeepsie, N. Y.

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

10 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. 44 E. Kingsley Street. 1891, June Green, Rufus L., B.Sc., M.A.; Professor of Mathematics, Leland Stanford, Jr. University, Stanford University, Cal. 1893, Dec. GRIFFITHS, IDA, Lecturer in Astronomy and Mathematics, Mlle. Veltin's School for Girls, 314 W. 82d Street, New

York, N. Y. GUMMERE, HENRY VOLKMAN, B.Sc., M.A.; Assistant in 1894, June Mathematics, Swarthmore College, Swarthmore, Pa. P. O. Box, 1293, Philadelphia, Pa.

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

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

1892, Apr. HALL, T. PROCTOR, Ph.D.; Professor of Natural Science, Tabor College, Tabor, Ia.

1894. Oct. HALLET, GEORGE H., B.A., M.A.; Instructor in Mathematics, University of Pennsylvania, Philadelphia, Pa.

1891, HALSTED, GEORGE BRUCE, M.A., Ph.D. (John Hopkins); May 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, HANCOCK, HARRIS, B.A., Ph.D. (Berlin); Member of the

Deutsche Mathematiker-Vereinigung; Associate in Mathematics, Chicago University, Chicago, Ill. 1891, Feb. HARDCASTLE, FRANCES; Member of the London Mathema-

Apr.

tical Society, 38 Eaton Square, London, S. W., England.

1891, HARKNESS, JAMES, M.A., Professor of Mathematics, Bryn May Mawr College, Bryn Mawr, Pa.

HART, JAMES NORRIS, C.E., Professor of Mathematics and 1891, Apr. Astronomy, Maine State College, Orono, Me. 1891, May

HASKELL, MELLEN WOODMAN, M.A., Ph.D. (Göttingen); Associate Professor of Mathematics, University of California, Berkeley, Cal. P. O. Box 3.

- 11 Date of Admission. 1891, May | HATHAWAY, ARTHUR STAFFORD, B.Sc.; Professor of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind. 2106 N. 10th Street. HAY, GUSTAVUS, B.A., M.D. (Harvard); 383 Marlborough 1894, Aug. Street, Boston, Mass. 1895, Nov. HAYES, ELLEN, B.A., Professor of Mathematics, Wellesley College, Wellesley, Mass. P. O. Box 275. 1891, HEAL, WILLIAM EPHRAIM; Member of the London Mathe-Apr. matical Society. 1005 Spencer Avenue, Marion, Ind.
- HILL, GEORGE WILLIAM, Ph.D., Sc.D. (Cambridge), LL.D. 1892, Dec. (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); Tutor in Mathematics, Columbia University, New York, N. Y. HITCHCOCK, FANNIE R. M., Ph.D. 300 William Street, 1894, Mar.
- East Orange, N. J. Feb. 1895, HOLGATE, THOMAS FRANKLIN, M.A., Ph.D. (Clark); Pro-
- fessor of Applied Mathematics, Northwestern University, Evanston, Ill. 617 Hamline Street.
- June Holladay, Waller, B.Sc., C.E., M.E.; Professor of Math-1889, ematics, Cooper Institute; Mathematician of the Equitable Life Assurance Society, 120 Broadway, New York, N. Y. HOME, NOEL CHARLES MINCHIN, LL.B.; Westcott, Surrey, May | 1891,
- England. 1891, May HOWE, CHARLES SUMNER, M.Sc., Ph.D., Professor of Mathematics and Astronomy, Case School of Applied Science,
- Cleveland, Ohio. 1891, Howe, Herbert Alonzo, M.A., Sc.D.; Member of the May 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.
- HUSSEY, WILLIAM J., B.Sc.; Astronomer in the Lick Ob-1891, Apr. servatory, Mt. Hamilton, Cal.
- HUTCHINSON, JOHN IRWIN, B.A., Ph.D. (Chicago); In-1896, Nov. structor in Mathematics, Cornell University, Ithaca, N. Y.
- 1891, May HYDE, EDWARD WYLLYS, C.E.; Associate Editor of the Annals of Mathematics, Professor of Mathematics, University of Cincinnati, Cincinnati, O. 814 Lincoln Avenue, Station "D."

12 Date of Admission. 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. 1892, Jan. JACOBUS, DAVID S., M.E.; Assistant Professor of Experimental Mechanics, Stevens Institute of Technology, Hoboken, N. J. 1888, Nov. JACOBY, HAROLD, Ph.D. (Columbia), F.R.A.S.; Member of the Astronomische Gesellschaft; Adjunct Professor of Astronomy, Columbia University, New York, N. Y. 1893. Feb. JAMES, JOHN NELSON, B.A.; U. S. Naval Observatory,

- Washington, D. C.

  JOHNSON, WILLIAM WOOLSEY, M.A.; Member of the London Mathematical Society; Professor of Mathematics, U.
  S. Naval Academy, Annapolis, Md.
- 1891, Oct. Jones, Charles Nelson B.A.; Member of the Actuarial Society of America. 127 W. 58th Street, New York, N. Y.
   1891, Apr. Jones, George William, M.A. (Yale); Professor of Mathematics, Cornell University, Ithaca, N. Y.
- 1891, Apr. KENDALL, E. Otis, LL.D.; Vice-Provost and Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. 3826 Locust Street.
- 1891, Dec. KENNELLY, A.E., D.Sc., F.R.A.S.; 1105 Betz Building, Philadelphia, Pa.
- 1892, Oct. Kerr, William Jasper, B.S.; President of the Brigham Young College, Logan, Utah.
- 1891, Apr. Kershner, Jefferson E., M.A., Ph.D. (Yale); Professor of Mathematics and Physics, Franklin and Marshall College, Lancaster, Pa. 340 W. Chestnut Street.
- 1891, Dec. KINSELY, ALEXANDER, B.Sc.; Columbia City, Ind.
  1894, Nov. KLEINHEKSEL, JOHN HENRY, M.A.; Professor of Mathematics, Hope College, Holland, Mich.
- 1894, Apr. LADUE, POMEROY, B.Sc., Professor of Mathematics, University of the City of New York, New York, N. Y. University Heights.
- 1893, Dec. LAMBERT, PRESTON ALBERT, M.A.; Instructor in Mathematics, Lehigh University, South Bethlehem, Pa.
- matics, Lenigh University, South Bethlehem, Pa.

  LEGRAS, GUSTAVE, B.Sc.; Instructor in Mathematics, College of the City of New York. 17 Lexington Avenue, New York, N. Y.
- 1892, Feb. Leuschner, Armin Otto, B.A., F.R.A.S.; Member of the Astronomische Gesellschaft, Assistant Professor of Astronomy and Geodesy, University of California, Berkeley, Cal.

- 13 Date of Admission. 1891, May | Lewis, Charlton T., Ph.D.; 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. LOVE, JAMES LEE, M.A.; Instructor in Mathematics, Har-1891, Apr. vard University, Cambridge, Mass. 27 Walker Street. 1894, Oct. LOVETT, EDGAR ODELL, M.A., Ph.D. (University of Virginia); Christiania, Norway, Pilestraedet, 47 B.
- ginia); Christiania, Norway, Pilestraedet, 47 B.

  1896, Nov. LUDLOW, HENRY HUNT, Graduate of the U. S. Military
  Academy, First Lieutenant, 3rd Artillery. U. S. A., Alcatray Island, San Francisco, Cal.
- 1891, 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. 22-28 King Street, W. Toronto, Canada.
- 1889, Dec. McClintock, Emory, M.A., Ph.D. (Wisconsin), LL.D. (Columbia), F.I.A., Ex-President; President 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.
  1895. Nov. McKinney, Thomas Emery, B.A., M.A.: Professor of
- 1895, Nov. McKinney, Thomas Emery, B.A., M.A.; Professor of Mathematics, Marietta College, Marietta Pa.

  1892. Oct. McLennan, John Cunningham, B.A.; Assistant Demon-
- strator in Physics, University of 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 Uni-

versity, Ithaca, N. Y. 1 Quarry Street.

1891, Apr. McNeill, Malcom, M.A., Ph.D.; Professor of Mathematics and Astronomy, Lake Forest University, Lake Forest, Ill.

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n.	
May	MACFARLANE, ALEXANDER, M.A., D.Sc. (Edinburgh),
	LL.D.; Member of the Circolo Mathematico di Palermo:
	Director of the Department of Electrical Engineering,
	Lehigh University, South Bethlehem, Pa.
Nov.	MACLAY, JAMES, C.E.; Instructor in Mathematics, Columbia University, New York, N. Y.
une	MAGIE, WILLIAM FRANCIS, M.A., Ph.D. (Berlin); Professor of Physics, Princeton University, Princeton, N. J.
Nov.	MANN, CHARLES RIBORG, M.A., Ph.D. (Berlin); Tutor in Physics, Chicago University, Chicago, Ill.
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.
	on. May Nov. Tune

- 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. 50 Thompson Street.

  1891, Apr. MARTIN, ARTEMAS, M.A., Ph.D., LL.D.; Member of the London Mathematical Society; Member of the Société
- Mathématique de France; Editor of the Mathematical Magazine; U. S. Coast and Geodetic Survey Office, Washington, D. C. 1534 Columbia Street, N. W.

  1893, Feb. MASCHKE, HEINRICH, Ph.D. (Göttingen); Associate Pro-
- fessor of Mathematics, University of Chicago, Chicago, Ill.
  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.,
- F.R.A.S.; Geographical and Military Engineer; Member of the London Mathematical Society; Member of the Société Mathématique de France; 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 Engineering, Lehigh University, South Bethlehem, Pa. 1889, June MESSENGER, HIRAM JOHN, JR., Litt.B., Ph.D.; Member of
- the 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 Mathematics, Syracuse University, Syracuse, N. Y.

Date of Admission.		19
	June	
		Actuarial Society of America; Actuary of the Mutual Benefit Life Insurance Company. 752 Broad Street, Newark, N. J.
1891,	May	MILLER, EPHRAIM, M.A., Ph.D.; Professor of Mathematics and Astronomy, and Dean of the School of Arts, Univer-
1891,	May	sity of Kansas, Lawrence, Kan. 1244 Tennessee Street.  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 Deutsche Mathematiker-Vereinigung; 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 Natural Philosophy, Washington and Lee University, Lex- ington, 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	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.
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 National Academy of Sciences; Foreign Member of the Royal Society of London; Corresponding Member of the Institute of France; Associate Editor of the American Journal of Mathematics; Superintendent of the Nautical Almanac; Professor of Mathematics and Astronomy at Johns Hopkins University; Senior Professor of Mathematics of the U.S. Navy; U.S. Naval Observatory, Washington, D. C.

Date of Admission.		
1895,		NEWTON, HENRY BYRON, M.A., Ph.D.; Associate Professor
1090,	OGb.	· · · · · · · · · · · · · · · · · · ·
	_	of Mathematics, University of Kansas, Lawrence, Kan.
1891,	June	NICHOLSON, JAMES WILLIAM, M.A., LL.D.; President and
		Professor of Mathematics, Louisiana State University and
		Agricultural and Mechanical College, Baton Rouge, La.
1891,	May	NIPHER, FRANCIS EUGENE, M.A.; Professor of Physics,
2002,	2.243	Washington University, St. Louis, Mo.
		Washington University, St. Louis, Inc.
1895,	Feb.	ODELL, JOHN WILLIAM, B.A., Fellow in Mathematics,
1000,	1 00.	Toronto University, Toronto, Can.
1001	ъ.,	,
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); As-
2000,	200.	sistant Professor of Mathematics, Harvard University,
		,
4004		Cambridge, Mass.
1894,	Oct.	OSTERBERG, MAX E. E., M.A.; New York, N. Y. 27
		Thames Street.
1001	T'	Dien Tirene Monnes M.A. Die D. (T. derein). Deineinel
1991,	June	PAGE, JAMES MORRIS, M.A., Ph.D. (Leipzig); Principal
		of the Keswick High School, Cobham, Va.
1894,	Mar.	PARTRIDGE, EDWARD ANSON, B.Sc., M.A.; Professor of
		Physics, Philadelphia Central Manual Training School,
		Philadelphia, Pa.
1896,	Dec.	PATTERSON, JAMES LAWSON, Ph.B., D.Sc. (Princeton),
1000,	Dec.	Professor of Mathematics, Union College, Schenectady,
		, , , , , , , , , , , , , , , , , , , ,
	_	N. Y.
1891,	June	PEARCE, EDWARD, B.A.; Providence, R. I. P. O. Box 1214.
1896,	$\mathbf{May}$	PECK, HENRY ALLEN, M.A., Ph.D. (Strassburg); Professor
		of Astronomy, Syracuse University, Syracuse, N. Y. 307
		Waverly Place.
1891,	May	PEIRCE, BENJAMIN OSGOOD, Ph.D. (Leipzig); Hollis Pro-
1001,	пист	fessor of Mathematics and Natural Philosophy in Harvard
		_ •
		University, Jefferson Physical Laboratory, Harvard Uni-
		versity, Cambridge, Mass.
1893,	Oct.	PETTEGREW, DAVID LYMAN; General Special Agent of
		the Massachusetts Mutual Life Insurance Company,
		Springfield, Mass. P. O. Box 1004, Worchester, Mass.
1892,	Oct.	PFISTER, JOSEPH CLEMENT, M.A.; Tutor in Mechanics,
1000,	J	Columbia University, New York, N. Y.
		Columbia Chiversity, New Tork, N. 1.

1891, June PHILBRICK, PHILETUS HARVEY, M.Sc., C.E.; Pineville, La. 1896, Nov. PHILLIPS, ANDREW WHEELER, M.A., Ph.D. (Yale); Pro-

fessor of Mathematics and Dean of the Graduate School, Yale University, New Haven, Conn. 209 York Street.

		17
Date of Admission.		
1891,	June	PHILLIPS, GEORGE WILLIAM, B.A.; Members of the Actu-
		arial Society of America; Actuary of the Equitable Life
		Assurance Society, 120 Broadway, New York, N. Y.
1894,	Oct.	PIERPONT, JAMES P., Ph.D. (Vienna); Assistant Professor
		of Mathematics, Yale University, New Haven, Conn.
		357 Howard Avenue.
1889,	Dec.	PIERSON, ISRAEL CORIELL, M.A., Ph.D.; Editor of
		Papers and Transactions of the Actuarial Society of
		America; Associate of the Institute of Actuaries, Lon-
		don; Corresponding Member of the French Institute of
		Actuaries; Actuary of the Washington Life Insurance
		Company of New York. 21 Cortlandt St., New York, N. Y.
1892,	Nov.	PLUMLEY, GARDNER LADD; Member of the Actuarial So-
		ciety of America; Assistant Actuary of the Home Life In-

- 1890, Dec. Poor, Charles Lane, Ph.D., F.R.A.S.; Member of the Astronomische Gesellschaft; Associate Professor of Astronomy, Johns Hopkins University, Baltimore, Md.

  1892, May Prentiss, Robert Woodworth, M.Sc.; Professor of Mathematics and Astronomy, Rutgers College, New
  - 1889, Dec. Pupin, Michael Idvorsky, B.A., Ph.D. (Berlin); Adjunct Professor of 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

Brunswick, N. J. 83 Easton Avenue.

surance Company. 256 Broadway, New York, N. Y.

- Texas, College Station, Texas.

  1891, June
  PUTNAM, KENDRICK S., M.A.; City Chamberlain, Rome,
  N. Y.
- 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.
- 1888, Nov. REES, JOHN KROM, M.A., E.M., Ph.D., F.R.A.S.; Member 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. 6, 7 and 8,
- 1893, Apr. RICE, CHARLES MOEN, B.A., ; Worcester, Mass. 6, 7 and 8, P. O. Block.
  1891, Apr. RICE, JOHN MINOT, B.Sc., Ph.D. (Stevens Institute) ; Re-
- 1891, Apr. RICE, JOHN MINOT, B.Sc., Ph.D. (Stevens Institute); Retired Professor of Mathematics of the U. S. Navy; Northborough, Mass.
   1894, Oct. ROBERTS, RALPH AUGUSTUS, M.A.; Member of the London
- 1894, Oct. ROBERTS, RALPH AUGUSTUS, M.A.; Member of the London Mathematical Society, Care of A. J. Johnson Co. 72 Fifth Avenue, New York, N. Y.

18		
Date of Admission.		
1891,	Oct.	ROCKWELL, CHARLES HALL; Tarrytown, N. Y.
1891,	May	ROCKWOOD, CHARLES GREENE, JR., M.A., Ph.D. (Yale);
		Professor of Mathematics, Princeton University, Prince-
		ton, N. J. 34 Bayard Avenue.
1896,	Apr.	ROE, EDWARD DRAKE, M.A.; Associate Professor of Mathe-
		matics, Oberlin College, Oberlin, Ohio. 278 East College
		Street.
1892,	Apr.	ROSZEL, BRANTZ MAYER, B.A.; Fellow in Astronomy,
		Johns Hopkins University, Baltimore, Md.
1891,	Nov.	SAYRE, HERBERT ARMISLEAD, B.E.; 315 West Hoffman
		Street, Baltimore, Md.
1894,	Mar.	SCHLEGEL, VICTOR, Ph.D. (Leipzig); Member of the

Bethany College, Bethany, W. Va. SCHMITT, COOPER DAVIS, M.A.; Professor of Mathematics, 1895. Mar. Tennessee University, Knoxville, Tenn. SCHULTZE, ARTHUR, Ph.D.; Hoboken Academy, Hoboken, 1892, Apr.

of Technology, Hagen, Germany.

1892,

Feb.

Société Mathématique de France: Member of the Circolo Matematico di Palermo: Professor of Mathematics, School

SCHMIEDEL, OSCAR, B.Sc., M.A.; Professor of Mathematics,

Volmestrasse 62.

- N. J. SCHWATT, ISAAC J., Ph.D.; Instructor in Mathematics, 1893, Oct. University of Pennsylvania, Philadelphia, Pa.
- SCOTT, CHARLOTTE ANGAS, D.Sc. (London); Member of 1891. May the London Mathematical Society; Professor of Mathematics, Bryn Mawr College, Bryn Mawr, Pa. 1889, June SEARLE, GEORGE MARY, M.A., C.S.P.; Director of the Ob-
- servatory, Catholic University of America, Washington, SEE, THOMAS JEFFERSON JACKSON, M.A., Ph.D. (Berlin); 1895, Aug. F.R.A.S.; Member of the Astronomische Gesellschaft, In-
- structor in Astronomy, University of Chicago; Lowell Observatory, Mexico City, Mexico. 1892. June SHACK, FERDINAND, B.Sc., M.A., LL.B; Inspector of Common Schools. 56 Wall Street, New York, N. Y. SHATTUCK, SAMUEL WALKER, B.Sc., M.A., C.E.; Professor 1891, Apr.
- of Mathematics, University of Illinois, Champaign, Ill. SHAW, JAMES BYRNIE, JR., M.Sc., D.Sc.; Professor of 1894, Mar. Mathematics, Illinois College, Jacksonville, Ill. Grove Street.
- SHIELDS, JOHN FRANKLIN, B.Sc.; Professor of Mathemat-1894. Jan. ics, Adelphi College, Brooklyn, N. Y. Dec. | SLOAN, BENJAMIN; Graduate of the U.S. Military Acad-1891.
  - emy; Professor of Physics, South Carolina College, Columbia, S. C.

Date of Admission.

1893, Oct. | SMITH, DAVID EUGENE, Ph.D.; Professor of Mathematics, Michigan State Normal School, Ypsilanti, Mich. 1891. SMITH, OTIS DAVID, M.A.; Professor of Mathematics, May Alabama Polytechnic Institute, Auburn, Ala. 1891, Nov. SMITH, PERCY FRANKLYN, Ph.D.; Assistant Professor of Mathematics, Yale University, New Haven, Conn. SMITH, WILLIAM BENJAMIN, M.A., Ph.D. (Göttingen); 1891, Apr. Professor of Mathematics, Tulane University of Louisiana, New Orleans, La. SNOOK, THOMAS EDWARD, E.M.; Architect and Engineer, 1889, Dec. 261 Broadway, New York, N. Y. Apr. SNYDER, MONROE BENJAMIN, M.A.; Professor of Astron-1895, omy 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. Army; Director of 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.; Instructor in Mathematics; Burlington, Ia. 129 Woodlawn Avenue.
- 1891, STEINMETZ, CHARLES PROTEUS; Electrician, General Elec-Jan. tric 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; Corresponding Member of Institut des Actuaires Francais, Ex-President of the Actuarial Society of America; Actuary of the Ætna Life Insurance Company, Hartford, Conn. P. O. Box 913.
- 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.
- 1891. May STRINGHAM, IRVING, B.A., Ph.D. (Johns Hopkins); Professor of Mathematics and Dean of the College Faculties, University of California, Berkeley, Cal. Piedmont Way.
- Dec. STRONG, WENDELL MELVILLE, B.A., M.A.; Tutor in 1895, Mathematics, Yale University, New Haven, Conn.

Date of Admission.

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

of Mathematics, Clark University, Worcester, Mass.

TANNER, JOHN HENRY, B.Sc., Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. 7 Central Avenue.

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

1891, Apr. Taylor, James Morford, M.A., Ll.D., Professor of Math-

1891, Apr. TAYLOR, JAMES MORFORD, M.A., LL.D., Professor of Mathematics, Colgate University, Hamilton, N. Y.

1891, May TAYLOR, THOMAS ULVAN, C.E., M.C.E.; Associate Professor of April 1 Mathematics, University of Theorem

sor of Applied Mathematics, University of Texas, Austin, Tex.

1891, Apr. Thompson, Henry Dallas, M.A., D.Sc., Ph.D.; Professor

of Mathematics, Princeton University, Princeton, N. J.

80 University Place.

TINDALL, WILLOUGHBY CORDELL, B.Sc., M.S., M.A., Professor of Mathematics, University of Missouri, Columbia

fessor of Mathematics, University of Missouri, Columbia, Mo.

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

Mathematics, University of Illinois, Champaign, Ill.

TURRELL, ISAAC HODGES; Principal of the Fourth District School, Cincinnati, O. 403 Chase Street, North Side.

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

1888, Nov. VAN AMRINGE, J. HOWARD, M.A., Ph.D., L.H.D., LL.D.; EX-PRESIDENT; Professor of Mathematics and Dean of the College, Columbia University, New York, N. Y.

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 VAN NARDROEF FRANKT ROBERT & M.: Instructor in

1890, May VON NARDROFF, ERNEST ROBERT, E.M.; Instructor in Physics, Barnard College, New York, N. Y.

1891, Oct. Wait, Lucien Augustus, B.A.; Professor of Mathematics, Cornell University, Ithaca, N. Y. 35 East Avenue.

- 21 Date of Admission. WALDO, CLARENCE ABIATHAR, M.A., Ph.D.; Editor of 1891, Apr. the Proceedings of the Indiana Academy of Science; Head Professor of Mathematics, Purdue University, Lafayette, Ind. 92 South 9th Street. 1894, Feb. WALKER, L. C., M.A.; Assistant in Mathematics, University of Nebraska, 520 South 13th Street, Lincoln, Neb. WEBB, JOHN BURKITT, C.E.; Professor of Mathematics and 1891, Oct. Mechanics, Stevens Institute of Technology, Hoboken, N. J. WEBSTER, ARTHUR GORDON, B.A., Ph.D. (Berlin); Assist-1891, May ant Professor of Physics, Clark University, Worcester, 1891, June WEEKS, RUFUS WELLS; Member of the Actuarial Society of America; Actuary of the New York Life Insurance Com-
- pany. 346 Broadway, New York, N. Y. 1892, Feb. WELD, LAENAS GIFFORD, B.Sc., M.A.; Professor of Mathe-
- matics 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, WENTWORTH, GEORGE ALBERT, M.A., Exeter, N. H. May 1896, Sept. WENTZ, ESTELLA KATE, B.Sc., M.S.; Instructor in the Industrial Training School, Indianapolis, Ind. Avenue.
- 1892, Nov. WHITE, HENRY SEELY, B.A., Ph.D. (Göttingen); Professor of Pure Mathematics, Northwestern University, Evanston, Ill. P. O. Box 244. 1891, June WHITNEY, MARY WATSON, M.A., Professor of Astronomy,
- Vassar College, Poughkeepsie, N. Y. 1890, Oct. WILEY, GEORGE LANGFORD, M.A.; New York Life Insur-
- ance Company, 346 Broadway, New York, N. Y. 1892, WILLARD, JOSEPH MOODY, B.A.; Professor of Mathematics, May Pennsylvania State College, State College, Pa.
- N. H.1893, Feb. WILLCOX, CORNELIUS DEWITT, B.A.; First Lieutenant of Artillery, U. S. Army; Military Academy, West Point,
- 1895, May WILLIAMS, CLARK BENEDICT, M. A.; Professor of Mathematics, Kalamazoo College, Kalamazoo, Mich.
- 1892, May WILLIAMS, ELLA CORNELIA, M.A.; 27 West 60th Street, New York, N. Y.
- 1891, May WILLSON, FREDERICK NEWTON, C.E.; Professor of Descriptive Geometry, Stereotomy and Technical Drawing, Princeton University, Princeton, N. J. P. O. Box 641.

Date Admis		
1891,	May	Wood, DeVolson, C.E., M.Sc., M.A.; Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. Boonton, N. J.
1895,	Oct.	I all the state of
1891,	May	WOODWARD, ROBERT SIMPSON, C.E., Ph.D.; Associate Editor of the <i>Annals of Mathematics</i> ; Professor of Me- chanics and Dean of the Faculty of Pure Science, Colum- bia University, New York, N. Y.
1891,	May	WORTHEN, THOMAS WILSON DORR, M.A.; Professor of Mathematics, Darmouth College, Hanover, N. H.
<b>1</b> 891,	May	WRIGHT, THOMAS WALLACE, M.A., Ph.D.; Professor of Mathematics, Union College, Schenectady, N. Y. 55 Union Avenue.
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.; Instructor in Mathematics, University of Cincinnati, Station C, Cincinnati, Ohio.
1891,	June	ZERR, GEORGE B. McCLELLAN, M.A., Ph.D.; Texarkana, Arkansas.
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. The Observatory.
		All the command propagation in the little of the confirmation of t