MEMBERS OF THE SOCIETY.

JANUARY 1, 1904.

Date of Admission.		
1892,	Nov.	ABBE, CLEVELAND, B.Sc., M.A., Ph.D., LL.D.; Member 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;* Professor of Meteorology, U. S. Weather Bureau; Professor of Meteorology, Columbian University, Washington, D. C.; Lecturer in Meteorology, Johns Hopkins University, Baltimore, Md. *U. S. Weather Bureau,* Washington, D. C.
1903,	Oct.	ALDEN, GRACE CRAFTS, B.A. *4 Mill Street,* Westfield, Mass.
1891,	Nov.	ALEY, ROBERT JUDSON, M.A., Ph.D. (Pennsylvania); Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Edinburgh Mathematical Society; Professor of Mathematics, University of Indiana, Bloomington, Ind. *203 Forest Place.*
1901,	Dec.	ALLARDICE, ROBERT EDGAR, M.A.; Fellow of the Royal Society of Edinburgh; Member of the Edinburgh Mathematical Society; Professor of Mathematics, Stanford University, Cal.
1897,	Dec.	ALLEN, JOSEPH, M.A., Instructor in Mathematics, College of the City of New York. *162 East 79th Street,* New York, N. Y.
1903,	Oct.	AMES, LEWIS DARWIN, M.A.; Instructor in Mathematics, University of Missouri, Columbia, Mo. *405 Matthews Street.*
1901,	Dec.	ANDREWS, GRACE, B.Sc., Ph.D. (Columbia). *125 East 57th Street,* New York, N. Y.
1903,	Oct.	ARCHIBALD, RAYMOND CLARE, M.A., Ph.D. (Strassburg); Professor of Mathematics, Mount Allison Ladies' College, Sackville, New Brunswick, Canada. *P. O. Box 122.*

Date of
Admission.

1901,	Oct.	ASHTON, CHARLES HAMILTON, M.A.; Assistant Professor of Mathematics, University of Kansas, Lawrence, Kansas. *1240 Rhode Island Street.*
1903,	Feb.	BAILEY, FREDERICK HAROLD, M.A.; Assistant Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.
1891,	June	BAKER, ALFRED, M.A.; Fellow of the Royal Society of Canada; 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, Manual Training High School, Brooklyn, N. Y.
1902,	Oct.	BALL, SIR ROBERT STAWELL, LL.D., D.Sc.; F.R.S.; Fellow of the Cambridge Philosophical Society; Fellow of the Royal Society of Edinburgh; Member of the Royal Irish Academy; F.R.A.S.; Lowndean Professor of Astronomy and Geometry in the University of Cambridge and Director of the Observatory. *The Observatory,* Cambridge, England.
1894,	Oct.	BARNUM, CHARLOTTE CYNTHIA, B.A., Ph.D. (Yale); U. S. Coast and Geodetic Survey, Washington, D. C.
1903,	Aug.	BARTLETT, DANA PRESCOTT, B.Sc.; Associate Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.
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; Colonel U. S. Army, retired. *77 Park Avenue,* New York, N. Y.
1903,	Oct.	BATES, WILLIAM HUNT, M.A.; Instructor in Mathematics, Purdue University, Lafayette, Ind. *620 South Street.*
1900,	Dec.	BAUER, GEORGE NEANDER, M.Sc., Ph.D. (Columbia); Instructor in Mathematics, University of Minnesota, Minneapolis, Minn.
1903,	Feb.	BELL, ARTHUR TIMOTHY, M.A.; Principal of Schools, Reynolds, Ill.
1891,	Apr.	BEMAN, WOOSTER WOODRUFF, M.A.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *813 East Ingsley Street.*

Date of
Admission.

1901,　Oct.　BENEDICT, HARRY YANDELL, M.A., Ph.D. (Harvard);
Associate Professor of Mathematics and Astronomy,
University of Texas, Austin, Texas.

1900,　Dec.　BENTON, JOHN ROBERT, B.A., B.Sc., Ph.D. (Göttingen).
Bureau of Standards, Washington, D. C.

1897,　Feb.　*BERRY, ARTHUR, M.A.; Member of the London Mathe-
matical Society; Fellow of the Cambridge Philosoph-
ical Society; F.R.A.S.; Fellow and Assistant Tutor
in Mathematics, King's College, Cambridge, England.

1902,　Apr.　BIKLÉ, CHARLES EARL, M.A.; Adjunct Professor of
Mathematics, Teachers College, Columbia University,
New York, N. Y.

1891,　Dec.　BLAKE, EDWIN MORTIMER, M.E., Ph.D. (Columbia);
Member of the Société Mathématique de France; In-
structor in Mathematics, University of California,
Berkeley, Cal. *1910 Addison Street.*

1900,　Dec.　BLICHFELDT, HANS FREDERIK, M.A., Ph.D. (Leipsic);
Assistant Professor of Mathematics, Stanford Uni-
versity, Cal.

1900,　Dec.　BLISS, GILBERT AMES, B.A., M.Sc., Ph.D. (Chicago);
Member of the Deutsche Mathematiker-Vereinigung;
Associate in Mathematics, University of Chicago,
Chicago, Ill.

1892,　Apr.　BÔCHER, MAXIME, B.A., Ph.D. (Göttingen); Member of
the Deutsche Mathematiker-Vereinigung; Editor of the
Annals of Mathematics; Assistant Professor of Mathe-
matics, Harvard University, Cambridge, Mass. *14
Avon Street.*

1899,　Oct.　BOGARTE, MARTIN EUGENE, M.A.; Professor of Mathe-
matics, 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.

1898,　Dec.　BOUTON, CHARLES LEONARD, M.Sc., M.A., Ph.D. (Leip-
sic); Member of the Deutsche Mathematiker-Vereini-
gung; Associate Editor of the *Transactions of the
American Mathematical Society;* Instructor in Mathe-
matics, Harvard University, Cambridge, Mass. *503
Craigie Hall.*

1900,　Dec.　BOWDEN, JOSEPH, B.A., Ph.D. (Yale); Professor of
Mathematics, Adelphi College, Brooklyn, N. Y. *403
Washington Avenue.*

Date of
Admission.

1891, June | Bowser, Edward Albert, C.E., LL.D.; Professor of Mathematics, Rutgers College, New Brunswick, N. J.

1903, Feb. | Brackett, Frank Parkhurst, M.A.; Professor of Mathematics, Pomona College, Claremont, Cal.

1902, Feb. | Brand, Edward, M.A.; Professor of Mathematics, Howard College, East Lake, Ala.

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 Edward, M.A.; Teacher of Mathematics, Morris High School, New York, N. Y. *1022 Trinity Avenue.*

1902, Sept. | Bromwich, Thomas John I'Anson, M.A.; Member of the London Mathematical Society; Fellow of the Cambridge Philosophical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Queen's College, Galway; Examiner in Mathematics, Royal University of Ireland; *Queen's College,* Galway, Ireland.

1901, Dec. | Brooke, William Ellsworth, B.C.E., M.A.; Instructor in Mathematics, University of Minnesota, Minneapolis, Minn.

1891, June | Brooks, John Milton, M.A.; U. S. Coast and Geodetic Survey, Washington, D. C.

1893, Dec. | Brown, Edward Leroy, M.A.; Principal of the North Side High School, Denver, Col. *3350 Arlington Street.*

1892, Feb. | *Brown, Ernest William, M.A., Sc.D. (Cambridge) ; F.R.S.; Member of the London Mathematical Society; Fellow of the Cambridge Philosophical Society; F.R.A.S.; Member of the American Philosophical Society; Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematics, Haverford College, Haverford, Pa.

1900, Oct. | Brown, George Lincoln, M.Sc., Ph.D. (Chicago) ; Professor of Mathematics and Astronomy, South Dakota Agricultural College, Brookings, S. D.

1902, Sept. | *Brown, J. Stanford, B.Ph., M.A.; Vice President of the New York Realty and Trust Company, *489 5th Avenue,* New York, N. Y.

1903, Oct. | Buckingham, Harriet Dean, M.A.; Teacher of Mathematics, Gilman School, Cambridge, Mass. *P. O. Box 147,* Lexington, Mass.

1899,	Aug.	*BULLARD, WARREN GARDNER, B.A., Ph.D. (Clark); Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, Syracuse University, Syracuse, N. Y. *100 Waverly 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.
1891,	Apr.	BYERLY, WILLIAM ELWOOD, M.A., Ph.D. (Harvard); Editor of the *Annals of Mathematics;* 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.
1899,	Apr.	CAJORI, FLORIAN, M.Sc., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Colorado College, Colorado Springs, Colo. *1119 Wood Avenue.*
1900,	Dec.	CAMPBELL, DONALD FRANCIS, Ph.D. (Harvard); Associate Professor of Mathematics, Armour Institute of Technology, Chicago, Ill.
1897,	Oct.	CAPRON, PAUL, M.A.; Teacher of Mathematics, Dummer Academy, South Byfield, Mass.
1896,	Apr.	CHACE, ARNOLD BUFFUM, M.A., D.Sc. (Brown). Valley Falls, R. I.
1891,	May	CHANDLER, CHARLES HENRY, M.A.; Professor of Mathematics, Ripon College, Ripon, Wis.
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.Sc., 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.
1896,	Sept.	CLUTZ, FRANK HOLLINGER, B.A., Ph.D. (Johns Hopkins); Civil Engineer, American Bridge Company, Chicago, Ill.

Date of
Admission.

1902, Dec. | COBLE, ARTHUR B., M.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, University of Missouri, Columbia, Mo.

1893, Feb. | COHEN, ABRAHAM, B.A., Ph.D. (Johns Hopkins); Co-editor of the *American Journal of Mathematics;* Associate in Mathematics, Johns Hopkins University, Baltimore, Md.

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, Wis. *217 Division Street.*

1903, Aug. | COMSTOCK, CLARENCE ELMER, M.A.; Assistant Professor of Mathematics and Head of the Department, Bradley Polytechnic Institute, Peoria, Ill.

1898, Feb. | COMSTOCK, ELTING HOUGHTALING, B.Sc.; Superintendent of Schools, Houghton, Mich. *P. O. Box 230.*

1892, Oct. | CONANT, LEVI LEONARD, M.A., Ph.D.; Editor of the *Journal of the Worcester Polytechnic Institute;* Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass.

1900, Dec. | CONOSCENTE, EUPLIO, B.Sc., Math.D. (Palermo); Member of the Circolo Matematico di Palermo. Newark, N. J. *2 Cottage Street.*

1900, June | COOLIDGE, JULIAN LOWELL, B.A., B.Sc.; Instructor in Mathematics, Harvard University, Cambridge, Mass. *10 Craigie Street.*

1902, Dec. | CORNISH, WILLIAM AARON, B.A.; Instructor in Mathematics, State Normal School, Cortland, N. Y. *2 Stewart Place.*

1903, Feb. | COWLEY, ELIZABETH BUCHANAN, M.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.

1900, Dec. | CRATHORNE, ARTHUR R., B.A.; Instructor in Mathematics, University of Wisconsin, Madison, Wis. *University Heights.*

1891, Apr. | CRAWLEY, EDWIN SCHOFIELD, B.Sc., Ph.D.; 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.

Date of
Admission.

1891, Dec. | CUNNINGHAM, SUSAN J., Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa.

1900, Dec. | CURJEL, HARALD WORTHINGTON, M.A.; Member of the London Mathematical Society. Birkdale, Southport, Lancashire, England. *18 Welbeck Road.*

1902, Feb. | CURTISS, DAVID RAYMOND, M.A., Ph.D. (Harvard). *Ecole Normale Supérieure, Paris, France.*

1900, Oct. | DAVIS, CHARLES HENRY, C.E.; Consulting Engineer. *25 Broad Street,* New York, N. Y.

1891, Apr. | DAVIS, ELLERY WILLIAMS, B.Sc., Ph.D. (Johns Hopkins); Professor of Mathematics and Dean of the College of Literature, Science and the Arts, University of Nebraska, Lincoln, Neb.

1903, Aug. | DAVIS, HARVEY NATHANIEL, M.A. *27 Perkins Hall,* Harvard University, Cambridge, Mass.

1891, Apr. | DAVIS, NATHANIEL FRENCH, M.A., LL.D.; Professor of Pure Mathematics, Brown University, Providence, R. I. *159 Brown Street.*

1903, Feb. | DE COU, EDGAR EZEKIEL, M.Sc.; Assistant Professor of Mathematics, University of Oregon, Eugene, Ore. *280 East Eleventh Street.*

1900, Dec. | DEFOE, LUTHER MARION, Member of the London Mathematical Society; Professor of Mechanics, University of Missouri, Columbia, Mo.

1903, Dec. | DEIMEL, RICHARD FRANCIS, M.A.; Columbia University, New York, N. Y. *209 West 97th Street.*

1891, May | DELONG, IRA MITCHELL, M.A.; Professor of Mathematics, University of Colorado, Boulder, Colo. *1341 Broadway.*

1895, Jan. | DELURY, ALFRED TENNYSON, M.A.; Associate Professor of Mathematics, University of Toronto, Toronto, Canada.

1892, Jan. | DENNETT, WILLIAM SAWYER, B.A., M.D. *8 East 49th Street,* New York, N. Y.

1896, Nov. | DICKSON, LEONARD EUGENE, B.Sc., M.A., Ph.D. (Chicago); Member of the London Mathematical Society; Associate Editor of the *Transactions of the American Mathematical Society;* Editor of the *American Mathematical Monthly;* Assistant Professor of Mathematics, University of Chicago, Chicago, Ill.

1897, Apr. | DOWLING, LINNÆUS WAYLAND, Ph.D. (Clark); Assistant Professor of Mathematics, University of Wisconsin, Madison, Wis. *University Heights.*

Date of
Admission.

1901, Feb. | 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.

1902, Apr. | DUKE, FRANK WILLIAMSON, B.A.; Professor of Mathematics, Hollins Institute, Hollins, Va.

1902, Oct. | DUNKEL, OTTO, M.E., M.A., Ph.D. (Harvard); Instructor in Mathematics, Wesleyan University, Middletown, Conn.

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.*

1900, Dec. | EASTON, BURTON SCOTT, B.Sc., Ph.D. (Pennsylvania); Instructor in Mathematics, University of Pennsylvania, Philadelphia, Pa. *224 South 43d Street.*

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, University of Minnesota, Minneapolis, Minn. *916 Sixth Street, S. E.*

1896, Dec. | EDMONDSON, THOMAS WILLIAM, B.A., Ph.D. (Clark); Associate Professor of Physics, New York University, *University Heights*, New York, N. Y.

1902, Sept. | EDWARDS, GEORGE CUNNINGHAM, B.Ph.; Associate Professor of Mathematics, University of California, Berkeley, Cal.

1897, Feb. | EIESLAND, JOHN, B.Ph., Ph.D. (Johns Hopkins); Professor of Mathematics, Thiel College, Greenville, Pa.

1894, June | EIMBECK, WILLIAM; Assistant in the U. S. Coast and Geodetic Survey, Washington, D. C.

1900, Dec. | EISENHART, LUTHER PFAHLER, B.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Princeton University, Princeton, N. J. *63 Little Hall.*

1898, Feb. | *ELLIOTT, EDWIN BAILEY, M.A.; F.R.S.; Member of the London Mathematical Society; F.R.A.S.; Waynflete Professor of Pure Mathematics and Fellow of Magdalen College, Oxford, England. *4 Bardwell Road.*

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

Date of
Admission.

1896, Nov. EMCH, ARNOLD, M.Sc., Ph.D. (Kansas); Professor of
Graphics and Mathematics, University of Colorado,
Boulder, Col.

1898, Apr. ENGBERG, CARL CHRISTIAN, B.Sc., M.A., Ph.D. (Ne-
braska); Adjunct Professor of Mathematics, Uni-
versity of Nebraska, Lincoln, Neb.

1892, Mar. ENGLER, EDMUND ARTHUR, M.A., Ph.D., LL.D.; President
of the Worcester Polytechnic Institute, Worcester,
Mass. *11 Boynton Street.*

1903, Oct. ENGLISH, HARRY, B.A.; M.LL.; Director of Mathe-
matics, Washington High Schools, Washington, D. C.
2907 P Street, N. W.

1898, Oct. ESCOTT, EDWARD BRIND, M.Sc.; Instructor in Mathe-
matics, University of Michigan, Ann Arbor, Mich.
718 Monroe Street.

1901, Dec. ESTY, THOMAS CUSHING, M.A.; Professor of Mathe-
matics, University of Rochester, Rochester, N. Y.

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

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

1903, Apr. FERRIN, WILLIAM NELSON, M.A., LL.D.; Vermont Pro-
fessor of Mathematics and President, Pacific Univer-
sity, Forest Grove, Ore.

1901, Feb. FERRY, FREDERICK CARLOS, M.A., Ph.D. (Clark); Pro-
fessor of Mathematics and Dean, Williams College,
Williamstown, Mass.

1900, June FIELD, PETER, M.Sc., Ph.D. (Cornell); Instructor in
Mathematics, University of Michigan, Ann Arbor,
Mich.

1891, May FIELDS, JOHN CHARLES, Ph.D. (Johns Hopkins); Mem-
ber of the Société Mathématique de France; Special
Lecturer in Mathematics, University of Toronto,
Toronto, Canada. *62 Sussex Avenue.*

1901, Oct. FINDLAY, WILLIAM, M.A., Ph.D. (Chicago); Tutor in
Mathematics, Columbia University, New York, N. Y.

1891, May FINE, HENRY BURCHARD, M.A., Ph.D. (Leipsic); Pro-
fessor of Mathematics, Priceton University, Prince-
ton, N. J.

Date of
Admission.

1891, June FINKEL, BENJAMIN FRANKLIN, M.A., M.Sc.; Member of
the London Mathematical Society; Editor of the
American Mathematical Monthly; Professor of Math-
ematics and Physics, Drury College, Springfield, Mo.,
Special Fellow in Mathematics, University of Penn-
sylvania, Philadelphia, Pa. *204 St. Marks Square,*
Philadelphia, Pa.

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, Phila-
delphia, Pa.

1895, Jan. FISHER, IRVING, B.A., Ph.D. (Yale); Professor of Po-
litical Economy, Yale University, New Haven, Conn.
460 Prospect Street.

1888, Nov. FISKE, THOMAS SCOTT, M.A., Ph.D. (Columbia); Mem-
ber of the London Mathematical Society; Editor of
the *Transactions of the American Mathematical So-
ciety;* Professor of Mathematics, Columbia Univer-
sity, New York, N. Y.

1897, Feb. FITCH, ANNIE LOUISE MACKINNON (MRS. EDWARD),
M.Sc., Ph.D. Clinton, N. Y.

1901, Oct. FITE, WILLIAM BENJAMIN, Ph.D. (Cornell); Instructor
in Mathematics, Cornell University, Ithaca, N. Y.
119 Stewart Avenue.

1894, Oct. FLOWERS, ROBERT LEE, Graduate of the U. S. Naval
Academy; Professor of Mathematics, Trinity College,
Durham, N. C.

1900, Feb. FOCKE, ANNE BOSWORTH, B.Sc., Ph.D. (Göttingen). *106
Cutler Street,* Cleveland, O.

1903, Dec. FORBES, CHARLES SAVAGE, M.A.; Assistant in Mathe-
matics, Columbia University, New York, N. Y. *133
East 29th Street.*

1900, Apr. FORD, ROBERT DALE, M.Sc.; Professor of Mathematics,
St. Lawrence University, Canton, N. Y.

1899, Aug. *FORD, WALTER B., M.A.; Instructor in Mathematics,
University of Michigan, Ann Arbor, Mich. *99 Rue
Notre Dame des Champs, Paris, France.*

Date of
Admission.

1899, Dec. | FORSYTH, ANDREW RUSSELL, Sc.D. (Cambridge, Dublin Victoria), LL.D. (Glasgow); Math. D. (Christiania); F.R.S.; Hon. F.R.S.E.; Corresponding Associate of the Reale Instituto Lombardo; Member of the London Mathematical Society; Honorary Member of the Manchester Literary and Philosophical Society; Member of 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; Associate Actuary of the New York Life Insurance Company. *346 Broadway*, New York, N. Y.

1892, Dec. | FRANKLIN, FABIAN, B.Ph., Ph.D. (Johns Hopkins); Member of the London Mathematical Society. *205 West Madison Street*, Baltimore, Md.

1903, Feb. | FRAZER, FRANK DEAN, B.Sc., M.A.; Instructor in Mathematics, University of Oregon, Eugene, Ore.

1897, Mar. | FREELAND, WILLIAM, B.A. *27 West 44th Street*, New York, N. Y.

1895, Nov. | FRIZELL, ARTHUR BOWES, M.A.; Instructor in Mathematics, Harvard University, Cambridge, Mass. *11 Sumner Street.*

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

1899, Oct. | GALE, ARTHUR SULLIVAN, B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, Yale University, New Haven, Conn. *281 Willow Street.*

1899, Aug. | GATES, FANNY COOK, M.L.; Associate Professor of Physics, The Woman's College, Baltimore, Md.

1903, Dec. | GECKELER, OTTO THEODORE, B.A.; Assistant Professor of Mathematics, Georgia School of Technology, Atlanta, Ga.

1894, Feb. | GENTRY, RUTH, Ph.B., Ph.D. (Bryn Mawr); Associate Principal and Head Teacher of Mathematics. Miss Gleim's School for Girls, Pittsburgh, Pa. *805 South Negley Avenue.*

Date of
Admission.

1897,   Dec.   GERMANN, GEORGE B., B.A., Ph.D. (Columbia); Principal of Public School No. 94, 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 Société 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.; Honorary Member of the Edinburgh Mathematical Society; F.R.S.E.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics in the Glasgow and West of Scotland Technical College, Glasgow, Scotland.   *183 Renfrew Street.*

1891,   Jan.   GILMAN, GEORGE HOUGHTON, M.A., LL.B., *41 Wall Street*, New York, N. Y.

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.

1896,   Nov.   GLOVER, JAMES WATERMAN, M.A., Ph.D. (Harvard); Correspondent of *L'Enseignement Mathématique;* Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich.   *1312 Geddes Avenue.*

1897,   Oct.   GORE, JOHN KINSEY, M.A.; Member of the Actuarial Society of America; Actuary of the Prudential Insurance Company, Newark, N. J.

1902,   Feb.   GOULD, ALICE BACHE, B.A.   *405 Marlborough Street,* Boston, Mass.

1903,   Oct.   GOULD, MARY FRANCIS, B.A.; Teacher of Mathematics, Dedham High School, Dedham, Mass.

1903,   Aug.   GRAHAM, WILLIAM JOSEPH, B.A.; Member of the Actuarial Society of America; Actuarial Department, Metropolitan Life Insurance Company, New York, N. Y.

1897,   May   GRANVILLE, WILLIAM ANTHONY, B.Ph., Ph.D. (Yale); Instructor in Mathematics, Yale University, New Haven, Conn.   *118 Howe Street.*

Date of
Admission.

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; 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, England.
1901,	Oct.	GREENWOOD, GEORGE WILLIAM, B.A.; Professor of Mathematics and Astronomy, McKendree College, Lebanon, Ill.
1893,	Dec.	GRIFFITHS, IDA, B.A. *132 West 80th Street,* New York, N. Y.
1899,	Oct.	GROAT, BENJAMIN FELAND, B.Sc; Assistant Professor of Mathematics and Mechanics, School of Mines, University of Minnesota, Minneapolis, Minn.
1894,	June	GUMMERE, HENRY VOLKMAR, B.Sc., M.A.; Professor of Mathematics, Physics and Astronomy, Ursinus College, Collegeville, Montgomery County, Pa.
1902,	Feb.	GUNDERSEN, CARL, M.A., Ph.D. (Columbia); Professor of Mathematics, La Grange College, La Grange, Mo.
1894,	Aug.	HAGEN, JOHN GEORGE, S.J.; Member of the Deutsche Mathematiker-Vereinigung; Director of the Georgetown College Observatory, Washington, D. C. *Georgetown University.*
1902,	Dec.	HALL, ARTHUR GRAHAM, B.Sc., Ph.D. (Leipsic); Assistant Professor of Mathematics, University of Illinois, Urbana, Ill. *911 California Avenue.*
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.
1894,	Oct.	HALLETT, GEORGE HERVEY, M.A., Ph.D.; Instructor in 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 Circolo Matematico di Palermo; Member of the Deutsche Mathematiker-Vereinigung; Member of the London Mathematical Society; Co-editor of *Le Matematiche;* Professor of Mathematics, Kenyon College, Gambier, Ohio.

Date of
Admission.

1899, Aug. | HAMMERSLOUGH, CARRIE, M.A. *1215 Madison Avenue,* New York, N. Y.

1901, Oct. | HANAWALT, FRANCIS WAYLAND, M.A.; Professor of Mathematics and Astronomy, Albion College, Albion, Mich.

1902, Dec. | HANCOCK, EDWARD LEE, M.Sc.; Instructor in Applied Mechanics, Purdue University, Lafayette, Ind. *703 Owen Street.*

1895, Apr. | HANCOCK, HARRIS, B.A., Ph.D. (Berlin), D.Sc. (Paris); Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. *Auburn Hotel, Mount Auburn.*

1900, Dec. | HANNA, ULYSSES S., M.A.; Assistant Professor of Mathematics, Indiana University, Bloomington, Ind. *828 Atwater Avenue.*

1894, Feb. | *HARDCASTLE, FRANCES, Member of the London Mathematical Society. *14 Huntingdon Road,* Cambridge, England.

1902, Apr. | HARDY, JAMES GRAHAM, M.A., Ph.D.; Assistant Professor of Mathematics, Williams College, Williamstown, Mass.

1891, May | *HARKNESS, JAMES, M.A.; 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.

1899, Dec. | HASKELL, MELLEN WOODMAN, M.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, University of California, Berkeley, Cal. *P. O. Box 3.*

1903, Feb. | HASKINS, CHARLES NELSON, B.Sc., Ph.D. (Harvard); Instructor in Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *P. O. Box 764.*

1891, May | HATHAWAY, ARTHUR STAFFORD, B.Sc., Professor of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind. *2206 North 10th Street.*

1901, Feb. | HAVILAND, EDWIN, JR., B.Sc., M.A.; Professor of Mathematics, Clarkson School of Technology, Potsdam, N. Y. *P. O. Box 253.*

1898, Aug. | HAWKES, HERBERT EDWIN, B.A., Ph.D. (Yale) ; Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, Yale University, New Haven, Conn. *20 Carmel Street.*

1894, Aug. | HAY, GUSTAVUS, B.A., M.D. *383 Marlborough Street,* Boston, Mass.

1901, Aug. | HEDRICK, EARLE RAYMOND, M.A., Ph.D. (Göttingen) ; Member of the Deutsche Mathematiker-Vereinigung; Professor and Head of the Department of Mathematics, University of Missouri, Columbia, Mo. *302 South Ninth Street.*

1900, Dec. | HEWES, LAURENCE ILSLEY, B.Sc., Ph.D. (Yale) ; Professor of Mathematics, Rhode Island College of Agriculture and Mechanic Arts, Kingston, R. I.

1892, Dec. | HILL, GEORGE WILLIAM, Ph.D., Sc.D., LL.D., EX-PRESIDENT; Corresponding Member of the Paris Academy of Sciences; Member of the National Academy of Sciences; Foreign Member of the Royal Society of London; Foreign Associate of the Royal Astronomical Society. West Nyack, N. Y.

1895, Nov. | HILL, JOHN ETHAN, Ph.D. (Clark).

1898, Dec. | HIMOWICH, ADOLPH A., M.Sc., M.D. *130 Henry Street,* New York, N. Y.

1894, Mar. | HITCHCOCK, FANNY R. M., Ph.D. Philadelphia, Pa. *4038 Walnut Street.*

1902, Apr. | HODGKINS, HOWARD LINCOLN, M.A., Ph.D. (Columbian) ; Professor of Mathematics, Columbian University, Washington, D. C.

1895, Feb. | HOLGATE, THOMAS FRANKLIN, M.A., Ph.D. (Clark) ; Professor of Applied Mathematics and Dean of the College of Liberal Arts, Northwestern University, Evanston, Ill. *617 Hamline Street.*

1889, June | HOLLADAY, WALLER, B.Sc., C.E., M.E.; Emeritus Professor of Mathematics, Cooper Institute; Mathematician of the Equitable Life Assurance Society, *120 Broadway,* New York, N. Y.

1903, Dec. | HOOK, EDWARD ALFRED, M.Sc., M.A.; Tutor in Mathematics, Columbia University, New York, N. Y.

1902, Dec. | HOSKINS, LEANDER MILLER, C.E., M.Sc.; Professor of Applied Mathematics, Stanford University, Palo Alto, Cal.

1891, May | HOWE, CHARLES SUMNER, M.Sc., Ph.D.; F.R.A.S.; Member of the Astronomical and Astrophysical Society of America; President of the 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, Col.

1891, May | HULBURT, LORRAIN SHERMAN, B.A., Ph.D. (Johns Hopkins); Collegiate Professor of Mathematics, Johns Hopkins University, Baltimore, Md.

1901, Oct. | HUNTINGTON, EDWARD VERMILYE, M.A., Ph.D. (Strassburg); Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Annals of Mathematics;* Instructor in Mathematics, Harvard University, Cambridge, Mass. *35 Fairfax Hall.*

1891, Apr. | HUSSEY, WILLIAM J., B.Sc.; Astronomer in the Lick Observatory, Mt. Hamilton, Cal.

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. *814 Lincoln Avenue, Station D,* Cincinnati, Ohio.

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.*

1902, Apr. | IVEY, J. N., M.A., Ph.D. (Berlin); Instructor in Mathematics, Tulane University, New Orleans, La. *1410 St. Andrew Street.*

1901, Dec. | JACKSON, LAMBERT LINCOLN, M.A.; Teachers College, Columbia University, New York, N. Y. *417 West 118th Street.*

1892, Jan. | JACOBUS, DAVID S., M.E.; Professor of Experimental Engineering, Stevens Institute of Technology, Hoboken, N. J.

1888, Nov. | JACOBY, HAROLD, Ph.D. (Columbia); Member of the Astronomische Gesellschaft; F.R.A.S.; Adjunct Professor of Astronomy, Columbia University, New York, N. Y. *333 West 76th Street.*

Date of
Admission,

1893,	Feb.	JAMES, JOHN NELSON, B.A. Halle, Germany. *Karl-strasse 23₁.*

1893, Feb. JAMES, JOHN NELSON, B.A. Halle, Germany. *Karlstrasse 23₁.*

1897, Apr. JOFFE, S. A., M.Sc.; Mutual Life Insurance Company of New York. *32 Nassau Street,* New York, N. Y.

1891, Mar. JOHNSON, WILLIAM WOOLSEY, M.A.; Member of the London Mathematical Society; Professor of Mathematics, U. S. Naval Academy, Annapolis, Md.

1899, Oct. KASNER, EDWARD, M.A., Ph.D. (Columbia); Associate Editor of the *Transactions of the American Mathematical Society;* Tutor in Mathematics, Columbia University, New York, N. Y. *121 East 114th Street.*

1903, Oct. KELLOGG, OLIVER DIMON, M.A., Ph.D. (Göttingen); Instructor in Mathematics, John C. Green School of Science, Princeton University, Princeton, N. J. *151 Little Hall.*

1891, Dec. KENNELLY, A. E., D.Sc.; F.R.A.S. Harvard University, Cambridge, Mass.

1900, Dec. KENYON, ALFRED MONROE, M.A.; Professor of Mathematics, Purdue University, Lafayette, Ind. *103 Waldron Street,* West Lafayette.

1892, Oct. KERR, WILLIAM JASPER, D.Sc.; President of the Agricultural College of Utah, Logan, Utah.

1891, Apr. KERSHNER, JEFFERSON E., M.A., Ph.D. (Yale); Professor of Mathematics, Franklin and Marshall College, Lancaster, Pa. *337 West Walnut Street.*

1897, Aug. KEYSER, CASSIUS JACKSON, B.Sc., M.A., Ph.D. (Columbia); Adjunct Professor of Mathematics, Columbia University, New York, N. Y.

1891, Dec. KNISELY, ALEXANDER, B.Sc. Columbia City, Ind.

1903, Apr. KOCH, ERNEST HERMAN, JR., B.Sc.; Master in Pure and Applied Mathematics, MacKenzie School, Dobbs Ferry, N. Y.

1901, Oct. KUHN, HARRY WALDO, Ph.D. (Cornell); Assistant Professor of Mathematics, Ohio State University, Columbus, Ohio. *1462 Neil Avenue.*

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 South Center Street.*

Date of
Admission.

1897,   Jan. | LANDIS, WILLIAM WEIDMAN, M.A.; 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.

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.; Assistant Professor of Mathematics, College of the City of New York. *17 Lexington Avenue,* New York, N. Y.

1900,   Oct. | LEHMER, DERRICK NORMAN, M.A., Ph.D. (Chicago); Instructor in Mathematics, University of California, Berkeley, Cal. *2612 Manoa Avenue.*

1903,   Aug. | LENNES, NELS JOHANN, M.Sc.; Instructor in Mathematics, John Marshall High School, Chicago, Ill. *946 Walnut Street.*

1892,   Feb. | LEUSCHNER, ARMIN OTTO, B.A., Ph.D. (Berlin), Sc.D.; Member of the Astronomische Gesellschaft; F.R.A.S.; Associate Professor of Astronomy and Geodesy, and Director of the Students' Observatory, University of California, Berkeley, Cal. *2333 Cedar Street.*

1891,   May | LEWIS, CHARLTON THOMAS, Ph.D. (New York); Member of the Actuarial Society of America. *34 Nassau Street,* New York, N. Y.

1894,   June | LING, GEORGE HERBERT, Ph.D. (Columbia); Tutor in Mathematics, Columbia University, New York, N. Y. *242 West 135th Street.*

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.; *91 Quincy Street,* Brooklyn, N. Y.

1891,   June | LOUD, FRANK HERBERT, M.A., Ph.D. (Haverford); Professor of Mathematics, Colorado College, Colorado Springs, Col. *1203 North Tejon 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.*

1891,   Apr. | LOVE, JAMES LEE, M.A.; Assistant Professor of Mathematics and Secretary of the Lawrence Scientific School, Harvard University, Cambridge, Mass. *16 University Hall.*

1894,   Oct. | LOVETT, EDGAR ODELL, M.A., Ph.D. (Virginia, Leipsic); Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Princeton University, Princeton, N. J.

1896,   Nov. | *LUDLOW, HENRY HUNT, Graduate of the U. S. Military Academy; Major, U. S. Artillery. Agricultural College, Oktibbeha County, Miss.

1903,   Feb. | LUNN, ARTHUR C., M.A.; Member of the Astronomical and Astrophysical Society of America; Instructor in Mathematics, University of Chicago, Chicago, Ill.

1894,   Oct. | LYMAN, ELMER A., B.A., Professor of Mathematics and Principal of the Michigan State Normal College, Ypsilanti, Mich. *126 North Washington Street.*

1889,   Dec. | *McCLINTOCK, EMORY, M.A., Ph.D., LL.D.; 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.

1903,   Aug. | McCORMACK, THOMAS J., LL.B., M.A.; Principal of High School, La Salle, Ill.

1902,   Apr. | McDONALD, JOHN HECTOR, B.A., Ph.D. (Chicago); Instructor in Mathematics, University of California, Berkeley, Cal. *2532 Hillegass Avenue.*

1891,   May | McDOUGALL, ALEXANDER HIRAM, B.A.; Mathematical Master of the Collegiate Institute, Ottawa, Canada. *286 Kent Street.*

1897,   Dec. | McKAY, ALEXANDER CHARLES, B.A.; Professor of Mathematics and Dean in Arts, McMaster University, Toronto, Canada.

1895,   Nov. | McKINNEY, THOMAS EMERY, M.A.; Professor of Mathematics and Astronomy, Marietta College, Marietta, O. *617 Wooster Street.*

1891,   Apr. | McMAHON, JAMES, M.A.; Member of the London Mathematical Society; Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. *7 Central Avenue.*

Date of
Admission.

1891, Apr. | MCNEILL, MALCOLM, M.A., Ph.D.; Professor of Mathematics and Astronomy, Lake Forest College, 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. *Gowrie Grove, Chatham, Ontario, Canada.*

1897, Dec. | MACKAY, JOHN STURGEON, M.A., LL.D.; Fellow of the Royal Society of Edinburgh; Honorary Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Master in the Edinburgh Academy. *69 Northumberland Street,* Edinburgh, Scotland.

1888, Nov. | MACLAY, JAMES, C.E., Ph.D. (Columbia); Adjunct Professor of Mathematics, Columbia University, New York, N. Y.

1897, Jan. | MADDISON, ISABEL, B.Sc., Ph.D. (Bryn Mawr); Member of the London Mathematical Society; Secretary to the President and Reader in Mathematics, Bryn Mawr College, Bryn Mawr, Pa.

1897, Aug. | MALTBIE, WILLIAM HENRY, M.A., Ph.D. (Johns Hopkins); Professor of Mathematics, The Woman's College, Baltimore, Md.

1900, June | MANCHESTER, JAMES EUGENE, B.Sc., D.Sc. (Tübingen); President of Vincennes University, Vincennes, Ind.

1891, Nov. | MANN, CHARLES RIBORG, M.A., Ph.D. (Berlin); Assistant Professor of Physics, University of Chicago, Chicago, Ill.

1891, Nov. | MANNING, HENRY PARKER, B.A., Ph.D. (Johns Hopkins); Assistant Professor of Pure Mathematics, Brown University, Providence, R. I.

1903, Oct. | MANNING, WILLIAM ALBERT, M.A.; Instructor in Applied Mathematics, Stanford University, Cal.

1891, June | MARKLEY, JOSEPH LYBRAND, M. A., Ph. D. (Harvard); Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *1320 South University Avenue.*

Date of
Admission.

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 Matematico di Palermo; Member of the Deutsche Mathematiker-Vereinigung; Member of the Edinburgh Mathematical Society; U. S. Coast and Geodetic Survey, Washington, D. C. *915 N Street, N. W.*

1899, Dec. | MARTIN, EMILIE NORTON, Ph.D. (Bryn Mawr). Mount Holyoke College, South Hadley, Mass.

1903, Dec. | MARTIN, LOUIS ADOLPHE, JR., M.E., M.A.; Instructor in Mathematics and Mechanics, Stevens Institute, Hoboken, N. J. *824 Bloomfield Street.*

1893, Feb. | MASCHKE, HEINRICH, Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, University of Chicago, Chicago, Ill.

1903, Oct. | MASON, CHARLES MAX, B.L., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass.

1890, May | MASON, JAMES WEIR, M.A.; Member of the Actuarial Society of America; Emeritus 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.

1903, Oct. | *MERRILL, HELEN ABBOTT, B.A., Ph.D. (Yale); Associate Professor of Mathematics, Wellesley College, Wellesley, Mass.

1891, Apr. | MERRIMAN, MANSFIELD, C.E., Ph.D.; Professor of Civil Engineering, Lehigh University, South Bethlehem, Pa.

1889, June | MESSENGER, HIRAM JOHN, Lit.B., Ph.D.; Member of the Actuarial Society of America; Actuary of the Travelers Insurance Company, Hartford, Conn.

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 Deutsche Mathematiker-Vereinigung; Francis H. Root Professor of Mathematics, Syracuse University, Syracuse, N. Y.

1891, June | MILLER, BLOOMFIELD JACKSON; Member of the Actuarial Society of America; Mathematician of the Mutual Benefit Life Insurance Company. *752 Broad Street,* Newark, N. J.

1891, May | MILLER, EPHRAIM, M.A., Ph.D.; Member of the Astronomical and Astrophysical Society of America; Professor of Mathematics and Astronomy, University of Kansas, Lawrence, Kan. *1244 Tennessee Street.*

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

1898, Apr. | *MILLER, GEORGE A., Ph.D.; Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, Stanford University, Cal. *P. O. Box 783.*

1899, Oct. | MILLER, JOHN ANTHONY, M.A., Ph.D. (Chicago); Professor of Mechanics and Astronomy, University of Indiana, Bloomington, Ind. *Escondite.*

1900, Dec. | MILNE, EDWARD LAWRENCE, M.Sc.; Instructor in Mathematics, University of Illinois, Champaign, Ill. *307 West Hill Street.*

1900, Dec. | MITCHELL, HENRY BEDINGER, E.E., M.A.; Tutor in Mathematics, Columbia University, New York, N. Y. *Linden Hill, Flushing.*

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.; Assistant in Mathematics, Cornell University, Ithaca, N. Y. *114 Summit Avenue.*

1891, May | MOORE, ELIAKIM HASTINGS, B.A., Ph.D. (Yale, Göttingen, honorary); Ex-PRESIDENT; Member of the National Academy of Sciences; Member of the Circolo Matematico di Palermo; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Transactions of the American Mathematical Society;* Professor and Head of the Department of Mathematics, University of Chicago, Chicago, Ill. *5617 Washington Avenue.*

Date of
Admission.

1902, Apr. | MORENO, HALCOTT C., M.A., Ph.D. (Clark); Instructor in Applied Mathematics, Stanford University, Palo Alto, Cal. *P. O. Box 92.*

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.

1900, Feb. | MOULTON, FOREST RAY, B.A. Ph.D. (Chicago); F.R.A.S.; Associate Editor of the *Journal of Geography;* Instructor in Astronomy, University of Chicago, Chicago, Ill.

1900, Dec. | *MUKHOPÂDHYÂY, 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, Morris High School, New York, N. Y.

1890, Dec. | MURRAY, DANIEL ALEXANDER, B.A., Ph.D. (Johns Hopkins); Professor of Mathematics, Dalhousie College, Halifax, Nova Scotia, Canada.

1903, Aug. | NEIKIRK, LEWIS IRVING, M.Sc., Ph.D. (Yale); Senior Fellow in Mathematics, University of Pennsylvania, Philadelphia, Pa. *101 East Nyack Avenue,* Lansdowne, Pa.

1891, June | NELSON, ALFRED BRIERLEY, M.A., M.D.; Professor of Mathematics, Centre College, Danville, Ky. *443 Lexington Street.*

1895, Dec. | NEUFELD, JULIUS L., E.E.; Professor of Mathematics, Central High School, Philadelphia, Pa. *1905 Venango Street.*

1891, Nov. | NEWCOMB, SIMON, D.Sc., Ph.D., LL.D., D.C.L.; EX-PRESIDENT; 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; President of the Astronomical and Astrophysical Society of America; Co-editor of the *American Journal*

Date of
Admission.

of Mathematics; Associate Editor of *Science;* Emeritus
Professor of Mathematics and Astronomy, Johns Hop-
kins University; Professor of Mathematics, U. S.
Navy, retired. *1620 P Street,* Washington, D. C.

1895, Oct. NEWSON, HENRY BYRON, M.A., Ph.D.; Member of the
Circolo Matematico di Palermo; Member of the
Deutsche Mathematiker-Vereinigung; Editor of the
Kansas University Science Bulletin; Associate Pro-
fessor of Mathematics, University of Kansas, Law-
rence, Kan.

1897, Jan. NEWSON, MARY WINSTON, B.A., Ph.D. (Göttingen).
1702 Massachusetts Street, Lawrence, Kan.

1899, Aug. NICHOLS, THOMAS FLINT, B.A., Ph.D. (Clark); Assist-
ant Professor of Mathematics, Hamilton College,
Clinton, N. Y.

1900, Dec. NICHOLS, WALTER SMITH, M.A.; Member of the Actu-
arial Society of America; Editor ot the *Insurance
Monitor* and *Insurance Law Journal. 100 William
Street,* New York, N. Y.

1891, June NICHOLSON, JAMES WILLIAM, M.A., LL.D.; Professor of
Mathematics, Louisiana State University and Agri-
cultural and Mechanical College, Baton Rouge, La.
901 Convention Street.

1899, Dec. NOBLE, CHARLES ALBERT, B.Sc., Ph.D. (Göttingen);
Assistant Professor of Mathematics, University of
California, Berkeley, Cal. *2731 Durant Avenue.*

1891, Dec. OLDS, GEORGE DANIEL, M.A.; Professor of Mathematics,
Amherst College, Amherst, Mass.

1891, Apr. OSBORNE, GEORGE ABBOTT, B.Sc.; Professor of Mathe-
matics, Massachusetts Institute of Technology, Bos-
ton, Mass.

1895, Feb. OSGOOD, WILLIAM FOGG, M.A., Ph.D. (Erlangen); Mem-
ber of the Deutsche Mathematiker-Vereinigung; Pro-
fessor of Mathematics, Harvard University, Cam-
bridge, Mass. *60 Walker Street.*

1894, Oct. OSTERBERG, MAX, E.E., M.A. *11 Broadway,* New York,
N. Y.

1900, Dec. PAGE, JAMES MORRIS, M.A., Ph.D. (Leipsic); Professor
of Mathematics, University of Virginia, Charlottes-
ville, Va.

1897, May PALMIÉ, ANNA HELENE, B.Ph.; Professor of Mathe-
matics, College for Women, Western Reserve Univer-
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.*

1896, Dec. | PATTERSON, JAMES LAWSON, B.Ph., D.Sc. (Princeton); Head Master of Chestnut Hill Academy, Chestnut Hill, Philadelphia, Pa.

1891, May | PEIRCE, BENJAMIN OSGOOD, Ph.D. (Leipsic); Hollis Professor of Mathematics and Natural Philosophy, Harvard University, Cambridge, Mass. *The Jefferson Physical Laboratory.*

1898, Oct. | PEIRCE, JAMES MILLS, M.A.; Member of Deutsche Mathematiker-Vereinigung; Perkins Professor of Astronomy and Mathematics, Harvard University, Cambridge, Mass. *4 Kirkland Place.*

1898, Oct. | PELL, ALEXANDER, Ph.D. (Johns Hopkins); Professor of Mathematics, University of South Dakota, Vermillion, S. D.

1893, Oct. | PETTEGREW, DAVID LYMAN, General Special Agent of the Massachusetts Mutual Life Insurance Company, Springfield, Mass. *P. O. Box 75, Worcester, Mass.*

1892, Oct. | PFISTER, JOSEPH CLEMENT, M.A.; Instructor in Mechanics, Columbia University, New York, N. Y.

1896, Nov. | PHILLIPS, ANDREW WHEELER, M.A., Ph.D. (Yale); Professor of Mathematics and Dean of the Graduate School, Yale University, New Haven, Conn. *209 York Street.*

1903, Aug. | PIERCE, ARCHIE BURTON, B.Sc., M.A., Ph.D. (Zürich); Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, University of Michigan, Ann Arbor, Mich. *707 Church Street.*

1894, Oct. | PIERPONT, JAMES, Ph.D. (Vienna); Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Yale University, New Haven, Conn. *42 Mansfield Street.*

1889, Dec. | PIERSON, ISRAEL CORIELL, M.A., Ph.D.; Member of the Actuarial Society of America; Actuary of the Washington Life Insurance Company of New York. *141 Broadway, New York, N. Y.*

1892, Nov. | PLUMLEY, GARDNER LADD, Member of the Actuarial Society of America; Assistant Actuary of the Home Life Insurance Company. *256 Broadway, New York, N. Y.*

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;* Lecturer in Astronomy, Columbia University, New York, N. Y. *4 East 48th Street.*

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.

1892, May PRENTISS, ROBERT WOODWORTH, M.Sc.; Professor of Mathematics and Astronomy, Rutgers College, New Brunswick, N. J. *122 Bayard Street.*

1889, Dec. PUPIN, MICHAEL IDVORSKY, B.A., Ph.D. (Berlin); 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); Instructor in Mathematics, University of California, Berkeley, Cal.

1901, Oct. RABINOVITCH, I. EUCLID, Ph.D. (Johns Hopkins). *130 Henry Street,* New York, N. Y.

1900, Feb. RADELFINGER, FRANK GUSTAVE, B.Sc., LL.B.; Assistant Professor of Mathematics, Columbian University, Washington, D. C. *1431 Chapin Street.*

1903, Dec. RAGSDALE, VIRGINIA, B.A.; Teacher of Mathematics, Dr. Sachs' School for Girls, New York, N. Y. *116 West 59th Street.*

1894, Mar. RAND, JOHN HOLMES, M.A.; Professor of Mathematics, Bates College, Lewiston, Me. *28 Frye Street.*

1903, Dec. RASOR, S. EUGENE, B.Sc., M.A.; Instructor in Mathematics, Ohio State University, Columbus, Ohio.

1891, Dec. RAYSON, AMY, B.A.; Joint Principal of School for Girls, New York, N. Y. *176 West 75th Street.*

1901, Aug. REAVES, SAMUEL WATSON, B.Sc., B.A.; Assistant Professor of Mathematics, Clemson College, S. C.

1888, Nov. REES, JOHN KROM, M.A., M.E., Ph.D.; Member of the Astronomische Gesellschaft; F.R.A.S.; Professor of Astronomy and Director of the Observatory, Columbia University, New York, N. Y.

Date of
Admission.

1900, Apr. REID, LEGH WILBER, B.A., M.Sc., Ph.D. (Göttingen);
Associate Professor of Mathematics, Haverford Col-
lege, Haverford, Pa.

1903, Feb. REYNOLDS, FREDERICK GREGORY, LL.B., M.Sc.; Instructor
in Mathematics, College of the City of New York, New
York, N. Y. *17 Lexington Avenue.*

1893, Apr. RICE, CHARLES MOEN, B.A. Worcester, Mass. *P. O.
Box 215.*

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); Instructor
in Mathematics, University of Illinois, Urbana, Ill.
909 California Avenue.

1903, Apr. RIGGS, NORMAN C., M.Sc.; Assistant Professor of Mathe-
matics, Armour Institute of Technology, Chicago, Ill.

1891, May ROCKWOOD, CHARLES GREENE, JR., M.A., Ph.D. (Yale);
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;
John Raymond French Professor of Mathematics,
Syracuse University, Syracuse, N. Y. *105 Ostrander
Avenue.*

1902, Apr. ROEVER, WILLIAM HENRY, B.Sc.; *64 Kirkland Street,*
Cambridge, Mass.

1897, Feb. ROTHROCK, DAVID ANDREW, M.A., Ph.D. (Leipsic);
Member of the Deutsche Mathematiker-Vereinigung;
Associate Professor of Mathematics, University of
Indiana, Bloomington, Ind.

1903, Aug. RUSK, WILLIAM JAMES, M.A.; Professor of Mathematics,
Iowa College, Grinnell, Ia. *1022 Park Street.*

1898, Aug. SAFFORD, FREDERICK HOLLISTER, M.A., Ph.D. (Harvard);
Instructor in Mathematics, University of Pennsyl-
vania, Philadelphia, Pa. *College Hall.*

1897, Dec. SAUREL, PAUL LOUIS, B.Sc., D.Sc. (Bordeaux); Instruc-
tor 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-
kins); Professor of Physics, University of Alabama,
University, Ala.

Date of
Admission.

1894, Mar. SCHLEGEL, VICTOR, Ph.D. (Leipsic); Member of the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Königliche Höhere Machinenbauschule, Hagen, Germany. *Volmestrasse, 62.*

1892, Feb. *SCHMIEDEL, OSCAR, B.Sc., M.A. Bethany, W. Va.

1895, Mar. SCHMITT, COOPER DAVIS, M.A.; Professor of Mathematics, University of Tennessee, Knoxville, Tenn.

1900, Oct. SCHOTTENFELS, IDA MAY, M.Ph. *1230 Amsterdam Avenue,* New York, N. Y.

1892, Apr. SCHULTZE, ARTHUR, Ph.D.; 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.

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. Catholic University, Washington, D. C.

1895, Aug. SEE, THOMAS JEFFERSON JACKSON, M.A., Ph.D. (Berlin); Member of the Astronomische Gesellschaft; F.R.A.S.; Member of the Société Mathématique de France; Member of ɯhe Deutsche Mathematiker-Vereinigung; Professor of Mathematics, U. S. Navy, Washington, D. C. *Naval Observatory.*

1902, Feb. DE SEGUIER, JEAN ARMAND MARIE JOSEPH, D.Sc.; Member of the Société Mathématique de France. *56 Rue des Saints Pères,* Paris, France.

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. *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.

Date of
Admission.

1894, Mar. | SHAW, JAMES BYRNIE, M.Sc., D. Sc.; Professor of Mathematics, The James Milliken University, Decatur, Ohio. *351 West William Street.*

1899, Oct. | SINGER, SIMON AUGUSTUS, B.A.; Professor of Mathematics, Capital University, Columbus, Ohio.

1899, Aug. | SKINNER, ERNEST BROWN, B.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Wisconsin, Madison, Wisconsin. *414 Charter Street.*

1899, Oct. | SLAUGHT, HERBERT ELLSWORTH, M.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Chicago, Chicago, Ill.

1901, Apr. | SLOCUM, STEPHEN ELMER, B.E., Ph.D. (Clark); Instructor in Applied Mathematics, University of Cincinnati, Cincinnati, Ohio.

1900, Oct. | SMITH, BURKE, B.Sc., New York Telephone Company, *18 Cortlandt Street*, New York, N. Y.

1893, Oct. | SMITH, DAVID EUGENE, M.Ph., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Bulletin of the American Mathematical Society;* Professor 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. *79 Valley Road.*

1891, May | SMITH, OTIS DAVID, M.A., LL.D.; Professor of Mathematics, Alabama Polytechnic Institute, Auburn, Ala.

1891, Nov. | SMITH, PERCEY FRANKLYN, Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *78 Pearl Street.*

1891, Apr. | SMITH, WILLIAM BENJAMIN, M.A., Ph.D. (Göttingen); Professor of Mathematics, Tulane University, New Orleans, La.

1889, Dec. | SNOOK, THOMAS EDWARD, M.E.; Architect and Engineer. *261 Broadway*, 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 Department of Mathematics, Central High School, Philadelphia, Pa.; Director of the Philadelphia Observatory. *2402 North Broad Street.*

Date of
Admission.

1896, Nov. | SNYDER, VIRGIL, M.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker Vereinigung; Editor of the *Bulletin of the American Mathematical Society;* Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. *204 University Avenue.*

1892, May | SQUIER, GEORGE OWEN, Ph.D. (Johns Hopkins); Major, Signal Corps, U. S. Army; Signal Officer, Department of California, *Phelan Building,* San Francisco, Cal.

1888, Nov. | STABLER, EDWARD LINCOLN, M.A., Ph.D. (Columbia); U. S. Leather Co., *26 Ferry Street,* New York, N. Y.

1894, Nov. | STECKER, HENRY FREEMAN, M.Sc., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Instructor in Mathematics, State College, Pa. *Lock Box 305.*

1891, Jan. | STEINMETZ, CHARLES PROTEUS, Electrician, General Electric Company, Schenectady, N. Y.

1891, June | ST. JOHN, HOWELL WILLIAMS, Ph.B.; Member of the Actuarial Society of America; Corresponding Member of the Institut des Actuaires Français; Actuary of the Ætna Life Insurance Company, Hartford, Conn. *P. O. Box 913.*

1891, May | STONE, ORMOND, M.A.; 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. (Leipsic); Member 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, University of California, Berkeley, Cal. *The Owl's Nest, Prospect Avenue.*

1903, Feb. | STROMQUIST, CARL EBEN, B.Sc., Ph.D. (Yale); Instructor in Mathematics, John C. Green School of Science, Princeton University, Princeton, N. J.

1895, Dec. | STRONG, WENDELL MELVILLE, LL.B., M.A., Ph.D. (Yale); Member of the Actuarial Society of America. Mutual Life Insurance Company of New York. *32 Nassau Street.*

1903, Apr. | SWARTZEL, KARL DALE, M.Sc.; Ohio State University, Columbus, Ohio.

1891, May | *TABER, HENRY, B.Ph., Ph.D. (Johns Hopkins); Member of the London Mathematical Society; Professor of Mathematics, Clark University, Worcester, Mass.

Date of
Admission.

1900, Dec. | TALIAFERRO, THOMAS HARDY, C.E., Ph.D. (Johns Hopkins) ; President, University of Florida, Lake City, Fla.

1901, Oct. | TALLMAN, WILLIAM DUANE, B.Sc.; Professor of Mathematics, Montana State College of Agriculture and Mechanic Arts, Bozeman, Mon. *726 Third Avenue South.*

1896, Nov. | *TANNER, JOHN HENRY, B.Sc., Ph.D.; Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. *Cornell Heights.*

1889, Dec. | TATLOCK, JOHN, M.A.; F.R.A.S.; Associate Actuary of the Mutual Life Insurance Company of New York, New York, N. Y. *32 Nassau Street.*

1903, Oct. | TAYLOR, EDSON HOMER, B.Sc.; 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) ; Associate Professor of Mathematics, Syracuse University, Syracuse, N. Y. *722 Irving Avenue.*

1899, Oct. | THOMPSON, EDWARD PAYSON, M.A.; Professor of Mathematics and Astronomy, Miami University, Oxford, Ohio.

1891, Apr. | *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. *308 Packer Avenue.*

1901, Oct. | TORY, HENRY M., M.A., D.Sc.; Associate Professor of Mathematics, McGill University, Montreal, Canada.

1902, Apr. | TOWNLEY, SIDNEY DEAN, M.Sc., Sc.D. (Michigan) ; Observer in charge of the International Latitude Observatory, Ukiah, Cal.

1895, Nov. | TOWNSEND, EDGAR JEROME, Ph.D. (Göttingen) ; Associate Professor of Mathematics, University of Illinois, Champaign, Ill. *510 John Street.*

1903, Aug. | TRUEBLOOD, MARY ESTHER, M.Ph.; Instructor in Mathematics, Mount Holyoke College, South Hadley, Mass. *6 Maple Street*, Springfield, Mass.

1893, Nov. | TURRELL, ISAAC HODGES, Cincinnati, O. *1503 Chase Avenue, North Side.*

Date of
Admission.

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

1897,   Dec. | UNDERHILL, MARY, M.Sc. *132½ East 19th Street*, New York, N. Y.

1903,   Aug. | UPTON, CLIFFORD BREWSTER, B.A.; Instructor in Mathematics, Horace Mann High School, New York, N. Y.

1888,   Nov. | VAN AMRINGE, J. HOWARD, M.A., Ph.D. L.H.D., LL.D.; EX-PRESIDENT; Professor of Mathematics and Dean of Columbia College, Columbia University, New York, N. Y. *The Glenmore, 859 Seventh Avenue.*

1903,   Oct. | VAN BENSCHOTEN, ANNA LAVINIA, M.Sc.; Professor of Mathematics, Wells College, Aurora, N. Y.

1902,   Feb. | VAN DER HEYDEN, ALEXANDER FREDERICK, M.A.; Fellow of the University of Durham; Member of the Mathematical Association; Mathematical Master, Middlesbrough High School, Middlesbrough, England. *3 St. John's Terrace.*

1902,   Oct. | VAN DER VRIES, JOHN N., M.A., Ph.D. (Clark) ; Associate Professor of Mathematics, University of Kansas, Lawrence, Kansas. *1136 Tennessee Street.*

1903,   Feb. | VAN ORSTRAND, CHARLES EDWIN, M.Sc.; U. S. Geological Survey, Washington, D. C.

1891,   June | VAN VELZER, CHARLES AMBROSE, B.Sc., Ph.D.; Member of the London Mathematical Society; Professor of Mathematics, University of Wisconsin, Madison, Wis. *134 West Gorham Street.*

1893,   Apr. | VAN VLECK, EDWARD BURR, M.A., Ph.D. (Göttingen) ; Member of the Deutsche Mathematiker-Vereinigung; Associate Editor of the *Transactions of the American Mathematical Society;* 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.

1900,   June | VAUGHN, WILLIAM JAMES, M.A., LL.D.; Professor of Mathematics and Astronomy, Vanderbilt University, Nashville, Tenn.

1903,   Aug. | VEBLEN, OSWALD, B.A., Ph.D. (Chicago) ; Associate in Mathematics, University of Chicago, Chicago, Ill.

Date of
Admission.

1900,   Dec. VIVIAN ROXANA HAYWARD, B.A., Ph.D. (Pennsylvania);
Instructor in Mathematics, Wellesley College, Welles-
ley, Mass. *106 Gordon Avenue, Hyde Park, Mass.*

1891,   Oct. WAIT, LUCIEN AUGUSTUS, B.A.; Professor of Mathe-
matics, Cornell University, Ithaca, N. Y. *35 East
Avenue.*

1891,   Apr. WALDO, CLARENCE ABIATHAR, M.A., Ph.D.; Head Pro-
fessor of Mathematics, Purdue University, Lafayette,
Ind. *113 South Ninth Street.*

1898,   Dec. WALKER, BUZZ M., M.Sc.; Professor of Mathematics,
Mississippi Agricultural and Mechanical College,
Agricultural College, Miss.

1894,   Feb. WALKER, LON CAIN, M.A.; Professor of Mathematics,
Colorado School of Mines, Golden, Colo.

1898,   Apr. WASHBURNE, ALVA COURTENAY, Member of the Actuarial
Society of America; Actuarial Division, Metropolitan
Life Insurance Company. *1 Madison Avenue*, New
York, N. Y.

1902,   Apr. WEBB, HARRY EMMETT, B.A.; Instructor in Mathematics
and Science, Stevens School, Hoboken, N. J. *Burling
Terrace*, Summit, N. J.

1891,   Oct. WEBB, JOHN BURKITT, C.E.; Professor of Mathematics
and Mechanics, Stevens Institute of Technology, Ho-
boken, N. J.

1891,   May WEBSTER, ARTHUR GORDON, B.A., Ph.D. (Berlin); Mem-
ber of the Deutsche Mathematiker-Vereinigung; Pro-
fessor of Physics, Clark University, Worcester, Mass.

1891,   June WEEKS, RUFUS WELLS, Member of the Actuarial Society
of America; Second 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 Mathe-
matics and Astronomy and Dean of the Graduate
College, State University of Iowa, Iowa City, Ia.

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.

1896,   Sept. WENTZ, ESTELLA KATE, M.Sc.; Instructor in Mathe-
matics, Manual Training High School, Indianapolis,
Ind.

1897,   Feb. WERNICKE, AUGUST LUDWIG PAUL; Professor of Modern
Languages, State College of Kentucky, Lexington. Ky.
411 South Limestone Street.

Date of
Admission.

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.; Instructor in Mathematics, Yale University, New Haven, Conn. *43 Hotchkiss Street.*

1898, Aug. | WESTLUND, JACOB, Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; 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; Associate Editor of the *Transactions of the American Mathematical Society;* Noyes Professor of Pure Mathematics, Northwestern University, Evanston, Ill. *619 University Place.*

1902, Dec. | WHITE, WILLIAM FRANK, M.A., B.D.; Head of the Department of Mathematics, State Normal School, New Paltz, N. Y. *2720 West 37th Avenue*, Denver, Colo.

1902, Apr. | WHITNEY, ALBERT WURTS, B.A.; Instructor in Mathematics, University of California, Berkeley, Cal. *2630 Haste Street.*

1897, Dec. | *WHITTAKER, EDMUND TAYLOR, M.A.; Member of the London Mathematical Society; Secretary of the Royal Astronomical Society; Fellow and Lecturer of Trinity College, Cambridge, England.

1897, Feb. | WHITTEMORE, JAMES KELSEY, M.A.; Instructor in Mathematics, Harvard University, Cambridge, Mass. *16 Claverly Hall.*

1899, Feb. | WILCZYNSKI, ERNST JULIUS, Ph.D. (Berlin); Assistant Professor of Mathematics, University of California, Berkeley, Cal.; Research Assistant of the Carnegie Institution. *25 Bergstrasse, Hamburg, Germany.*

1892, May | WILLARD, JOSEPH MOODY, B.A.; Professor of Mathematics, Pennsylvania State College, State College, Center Co., Pa.

1895, May | WILLIAMS, CLARKE BENEDICT, M.A.; Olney Professor of Mathematics, Kalamazoo College, Kalamazoo, Mich. *516 West South Street.*

1892, May | WILLIAMS, ELLA CORNELIA, M.A. *133 West 56th Street,* New York, N. Y.

Date of
Admission.

1903, Aug. | WILLIAMS, ROLAND HUGH, B.Sc.; Teacher of Mathematics, Horace Mann School, New York, N. Y.

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. Box 63.*

1901, Oct. | WILSON, ALBERT HARRIS, M.Sc.; Instructor in Mathematics, Princeton University, Princeton, N. J. *Grossefuhr 24, Greifswald, Germany.*

1899, Dec. | WILSON, EDWIN BIDWELL, B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Associate Editor of the *Transactions of the American Mathematical Society;* Instructor in Mathematics, Yale University, New Haven, Conn.

1900, Dec. | WILSON, NORMAN RICHARD, M.A.; Lecturer in Mathematics, Wesley College, University of Manitoba, Winnipeg, Canada.

1903, Oct. | WILSON, ROBERT EDWARD, B.Ph., M.A.; Instructor in Mathematics, Northwestern University, Evanston, Ill. *Nikolausbergerweg 49, Göttingen, Germany.*

1899, Dec. | WOOD, RUTH GOULDING, B.Sc., Ph.D. (Yale); Instructor in Mathematics, Smith College, Northampton, Mass. *8 Washington Avenue.*

1895, Oct. | WOODS, FREDERICK S., M.A., Ph.D. (Göttingen); Editor of the *Annals of Mathematics;* Associate Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass. *21 Church Street, Newton, Mass.*

1891, May | WOODWARD, ROBERT SIMPSON, C.E., Ph.D. (Michigan); EX-PRESIDENT; Member of the National Academy of Sciences; Associate Editor of *Science;* Professor of Mechanics and Mathematical Physics and Dean of the School of Pure Science, Columbia University, New York, N. Y.

1891, May | WORTHEN, THOMAS WILSON DORR, M.A.; Professor of Mathematics, Dartmouth College, Hanover, N. Il.

1903, Dec. | WRIGHT, JOSEPH EDMUND, B.A.; Member of the London Mathematical Society; Fellow of Trinity College, Cambridge, England; Associate in Mathematics, Bryn Mawr College, Bryn Mawr, Pa.

Date of Admission.		
1898,	Oct.	WRIGHT, WALTER CHANNING, Member of the Actuarial Society of America; Consulting Life Insurance Actuary. *45 Milk Street, Room 77*, Boston, Mass.
1902,	Oct.	YANNEY, BENJAMIN FRANKLIN, Professor of Mathematics, Mount Union College, Alliance, Ohio.
1903,	Dec.	YOUNG, ARCHER EVERETT, B.A., Ph.D. (Princeton); Instructor in Mathematics, Purdue University, Lafayette, Ind. *712 South 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; Instructor in Mathematics, Northwestern University, Evanston, Ill. *1302 Hinman Avenue.*
1902,	Oct.	YOUNG, WILLIAM HENRY, M.A.; Sc.D.; Member of the London Mathematical Society; Fellow of the Cambridge Philosophical Society; Membre of the Deutsche Mathematiker-Vereinigung; Lecturer in Mathematics, Girton College, Cambridge, England. *Peterhouse.*
1893,	Mar.	YOWELL, EVERETT IRVING, M.Sc., C.E.; Computer at the Naval Observatory, Washington, D. C.
1891,	Apr.	ZIWET, ALEXANDER, C.E.; Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Bulletin of the American Mathematical Society;* Junior Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *644 South Ingalls Street.*

Number of members, January 1, 1904........................... 455
Number of members, January 1, 1903.......................... 401
Members admitted during the year 1903....................... 59
Members withdrawing during the year 1903.................... 5
Number of life-members..................................... 24