MEMBERS OF THE SOCIETY.

JANUARY 1, 1910.

Date of Admission.	Life members are designated by *.
1892, Nov.	ABBE, CLEVELAND, B.A., B.Sc., M.A., 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 *Bulletin of the Mount Weather Observatory;* Associate Editor of *Beiträge zur Physik der freien Atmosphäre;* Professor of Meteorology, U. S. Weather Bureau; Lecturer in Meteorology, Johns Hopkins University, Baltimore, Md. *U. S. Weather Bureau,* Washington, D. C.
1907, Apr.	ACKERMANN-TEUBNER, BENEDICTUS GUSTAV ALFRED A., Ph.D. (honorary, Greifswald); Member of the Société Mathématique de France; Member of the London Mathematical Society; Member of the Circolo Matematico di Palermo; Member of the Astronomische Gesellschaft; Member of the Deutsche Mathematiker-Vereinigung. Publishing House of B. G. Teubner, Leipzig, Germany. *Poststrasse, 3.*
1907, Oct.	AIYAR, V. RAMASWAMI, M.A.; Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society. Treasury Deputy Collector, Cuddapah, India.
1905, Oct.	AKERS, OSCAR PERRY, M.A., Ph.D. (Cornell); Member of the Circolo Matematico di Palermo; Professor of Mathematics, Allegheny College, Meadville, Pa.
1891, Nov.	ALEY, ROBERT JUDSON, M.A., Ph.D. (Pennsylvania), LL.D.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Edinburgh Mathematical Society; Editor of the *Educator-Journal;* President of the University of Maine, Orono, Me.

11

Date of
Admission.

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.

1910,   Feb.   ALLEN, EDWARD SWITZER, B.A.; Harvard University,
Cambridge, Mass. *34 Mellen Street.*

1897,   Dec.   ALLEN, JOSEPH, M.A.; Assistant Professor of Mathe-
matics, College of the City of New York. *9 Myrtle
Street,* White Plains, N. Y.

1905,   Oct.   ALLEN, REGINALD BRYANT, B.Sc., M.Sc., Ph.D. (Clark) ;
Professor of Mathematics, Kenyon College, Gambier,
Ohio.

1903,   Oct.   AMES, LEWIS DARWIN, M.A., Ph.D. (Harvard) ; As-
sistant Professor of the Teaching of Mathematics,
University of Missouri, Columbia, Mo. *208 Thilly
Avenue.*

1907,   Dec.   AMMERMAN, CHARLES, M.A.; Instructor in Mathematics,
McKinley High School, St. Louis, Mo.

1901,   Dec.   ANDREWS, GRACE, B.Sc., Ph.D. (Columbia). *47 Brevoort
Place,* Brooklyn, N. Y.

1903,   Oct.   *ARCHIBALD, RAYMOND CLARE, M.A., Ph.D. (Strass-
burg) ; Member of the Edinburgh Mathematical So-
ciety; Member of the Société Mathématique de
France; Member of the Deutsche Mathematiker-
Vereinigung; Member of the Mathematical Associa-
tion; Instructor in Mathematics, Brown University,
Providence, R. I. *9 Charlesfield Street.*

1908,   Dec.   ARMSTRONG, GORDON NELSON, M.A.; Professor of Mathe-
matics, Ohio Wesleyan University, Delaware, Ohio.

1901,   Oct.   ASHTON, CHARLES HAMILTON, M.A., Ph.D. (Munich) ;
Member of the Circolo Matematico di Palermo;
Associate Professor of Mathematics, University of
Kansas, Lawrence, Kansas. *1200 Ohio Street.*

1907,   Dec.   ATCHISON, CLYDE SHEPHERD, B.A., Ph.D. (Johns Hop-
kins) ; Instructor in Mathematics, Williams College,
Williamstown, Mass.

1906,   Feb.   BABB, MAURICE JEFFERIS, B.Sc., Ph.D. (Pennsylvania) ;
Assistant Professor of Mathematics, University of
Pennsylvania, Philadelphia, Pa. *157 Cricket Avenue,
Ardmore, Pa.*

Date of
Admission.

1903, Feb. | BAILEY, FREDERICK HAROLD, M.A.; 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.

1904, Oct. | BAKER, RICHARD PHILIP, B.Sc., Ph.D. (Chicago); Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, State University of Iowa, Iowa City, Ia. *929 Kirkwood Avenue.*

1894, Oct. | BARNUM, CHARLOTTE CYNTHIA, B.A., Ph.D. (Yale); U. S. Department of Agriculture, Washington, D. C.

1903, Aug. | BARTLETT, DANA PRESCOTT, B.Sc.; Member of Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.

1910, Sept. | BARTLETT, FRANK SARGENT, C.E.; Associate Member of the American Institute of Electrical Engineers. General Electric Company, Schenectady, N. Y. *131 Park Place.*

1909, Dec. | BARTON, RALPH MARTIN, B.A.; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Dartmouth College, Hanover, N. H. *48 College Street.*

1892, Apr. | BARTON, SAMUEL MARX, B.A., Ph.D.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of the South, Sewanee, Tenn.

1891, Apr. | BASS, EDGAR WALES, Graduate of the U. S. Military Academy; Colonel U. S. Army, retired. *77 Park Avenue,* New York, N. Y.

1903, Oct. | BATES, WILLIAM HUNT, M.A., Ph.D. (Chicago); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Purdue University, Lafayette, Ind. *306 Russell Street, West Lafayette.*

1900, Dec. | BAUER, GEORGE NEANDER, M.Sc., Ph.D. (Columbia); Professor of Mathematics, University of Minnesota, Minneapolis, Minn.

1909, Apr. | BAUER, WILHELMINE BABETTA, B.A.; Instructor in Mathematics, University of Kansas, Lawrence, Kan. *222 Topeka Avenue, Topeka, Kan.*

1910, Apr. | BEAL, FREDERICK WAKES, M.A.; Instructor in Mathematics, Brown University, Providence, R. I. *256 Doyle Avenue.*

1905,	Feb.	BECKETT, CHARLES HARRISON, B.A.; Associate Professor of Mathematics, Purdue University, Lafayette, Ind.
1906,	Sept.	BEEBE, WILLIAM, M.A.; Professor of Mathematics, Yale University, New Haven, Conn. *262 Bradley Street.*
1910,	Sept.	BEETLE, RALPH DENNISON, B.A.; Instructor in Mathematics, Dartmouth College, Hanover, N. H. *27 East Wheelock Street.*
1891,	Apr.	BEMAN, WOOSTER WOODRUFF, M.A., LL.D.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *813 East Kingsley Street.*
1901,	Oct.	BENEDICT, HARRY YANDELL, M.A., Ph.D. (Harvard); Professor of Applied Mathematics and Director of the Department of Extension, University of Texas, Austin, Texas.
1910,	Feb.	BERNSTEIN, BENJAMIN A., B.A.; Instructor in Mathematics, University of California, Berkeley, Cal.
1897,	Feb.	*BERRY, ARTHUR, M.A.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; F.R.A.S.; Fellow and Assistant Tutor in Mathematics, King's College, Cambridge, England.
1910,	Apr.	BERRY, WILLIAM JOHNSTON, M.A., M.Sc., C.E.; Associate of the American Institute of Electrical Engineers; Assistant Professor of Mathematics, Brooklyn Polytechnic Institute, Brooklyn, N. Y. *1937 Eighty-Third Street.*
1906,	Feb.	BETZ, WILLIAM, M.A.; Head of the Department of Mathematics and Assistant Principal, East High School, Rochester, N. Y. *160 Grand Avenue.*
1902,	Apr.	BIKLÉ, CHARLES EARLE, M.A.; Head of the Department of Mathematics, Central High School, Syracuse, N. Y.
1908,	Feb.	BILL, EARL GORDON, M.A., Ph.D. (Yale); Instructor in Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *Schlossstrasse 17, Bonn, Germany.*
1906,	Feb.	BIRKHOFF, GEORGE DAVID, B.A., Ph.D. (Chicago); Preceptor in Mathematics, Princeton University, Princeton, N. J.

Date of
Admission.

1900, Dec. BLICHFELDT, HANS FREDERIK, M.A., Ph.D. (Leipzig);
Associate Professor of Mathematics, Stanford University, Cal.

1900, Dec. *BLISS, GILBERT AMES, B.Sc., M.Sc., Ph.D. (Chicago);
Member of the Deutsche Mathematiker-Vereinigung;
Member of the Circolo Matematico di Palermo; Associate Editor of the *Transactions of the American
Mathematical Society;* Associate Professor of Mathematics, University of Chicago, Chicago, Ill.

1892, Apr. *BÔCHER, MAXIME, B.A., Ph.D. (Göttingen); EX-PRESIDENT; Member of the National Academy of Sciences;
Member of the Deutsche Mathematiker-Vereinigung;
Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematics, Harvard
University, Cambridge, Mass. *48 Buckingham Street.*

1899, Oct. BOGARTE, MARTIN EUGENE, M.A.; Professor of Mathematics, Valparaiso University, Valparaiso, Ind. *College Avenue and Locust Street.*

1891, Nov. BOLZA, OSKAR, Ph.D. (Göttingen); Member of the National Academy of Sciences; Member of the Deutsche
Mathematiker-Vereinigung; Member of the Circolo
Matematico di Palermo; Non-Resident Professor of
Mathematics, University of Chicago, Chicago, Ill.;
Honorary Professor of Mathematics, University of
Freiburg, Freiburg, Germany. *Reichsgrafenstrasse
10.*

1905, Dec. BÖRGER, ROBERT LACEY, M.A., Ph.D. (Chicago); Associate in Mathematics, University of Illinois, Urbana, Ill. *310 East Green Street, Champaign, Ill.*

1898, Dec. *BOUTON, CHARLES LEONARD, M.Sc., M.A., Ph.D. (Leipzig); Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, Harvard
University, Cambridge, Mass. *5 Avon Street.*

1900, Dec. BOWDEN, JOSEPH, B.A., Ph.D. (Yale); President of the
Department of Mathematics of the Brooklyn Institute of Arts and Sciences; Professor of Mathematics,
Adelphi College, Brooklyn, N. Y. *24 Clifton Place.*

1907, Oct. BOYD, PAUL PRENTICE, M.A.; Professor of Mathematics,
Hanover College, Hanover, Ind. *108 Cook Street,
Ithaca, N. Y.*

1903, Feb. BRACKETT, FRANK PARKHURST, M.A.; Professor of
Mathematics and Director of the Observatory, Pomona
College, Claremont, Cal.

Date of
Admission.

1907, Apr. | BRADSHAW, JOHN WILLIAM, M.A., Ph.D. (Strassburg) ; Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *1234 Prospect Street.*

1903, Feb. | BRECKENRIDGE, WILLIAM EDWIN, M.A.; Head of the Department of Mathematics, Stuyvesant High School, New York, N. Y. *345 East 15th Street.*

1906, Feb. | BRENKE, WILLIAM CHARLES, M.Sc., Ph.D. (Harvard) ; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Associate Professor of Mathematics, University of Nebraska, Lincoln, Neb. *1250 South 21st Street.*

1908, Oct. | BREWSTER, JOHN ALFRED, B.A.; Tutor in Mathematics, College of the City of New York; Professor of Mathematics, College of Mount Saint Mary, Plainfield, N. J.; Professor of Economics, College of New Rochelle, New Rochelle, N. Y. *17 Lexington Avenue, New York, N. Y.*

1902, Sept. | BROMWICH, THOMAS JOHN I'ANSON, Sc.D., F.R.S.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Fellow and Lecturer of St. John's College and University Lecturer in Mathematics, Cambridge University, Cambridge, England. *1 Selwyn Gardens.*

1901, Dec. | BROOKE, WILLIAM ELLSWORTH, B.C.E., M.A.; Professor of Mathematics and Mechanics, College of Engineering, University of Minnesota, Minneapolis, Minn.

1892, Feb. | *BROWN, ERNEST WILLIAM, M.A., Sc.D. (Cambridge) ; F.R.S.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; F.R.A.S.; Member of the American Philosophical Society; Editor of the *Bulletin of the American Mathematical Society;* Professor of Mathematics, Yale University, New Haven, Conn. *116 Everit Street.*

1900, Oct. | BROWN, GEORGE LINCOLN, M.Sc., Ph.D. (Chicago) ; Professor of Mathematics and Dean of the Faculty, South Dakota State College, Brookings, S. D.

1902, Sept. | *BROWN, J. STANFORD, B.Ph., M.A.; Vice-President and Treasurer of the New York Realty Owners Incorporated. *10 Belmont Avenue,* Yonkers, N. Y.

1908, Apr. | BUCHANAN, HERBERT EARLE, M.A., Ph.D. (Chicago) ; Instructor in Mathematics, University of Wisconsin, Madison, Wis. *1610 Madison Street.*

Date of Admission.

1907, Sept. | BUCK, THOMAS, B.Sc., Ph.D. (Chicago); Instructor in Mathematics, University of Illinois, Urbana, Ill. *609 South Busey Avenue.*

1899, Aug. | *BULLARD, WARREN GARDNER, B.A., Ph.D. (Clark); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Syracuse University, Syracuse, N. Y. *613 South Crouse Avenue.*

1891, June | BULLIS, ABRAM ROGERS, B.Sc., B.C.E. Macedon, Wayne County, N. Y.

1909, Oct. | BURGESS, HORACE THOMAS, M.A., Ph.D. (Yale); Instructor in Mathematics, University of Wisconsin, Madison, Wis.

1903, Feb. | BURRELL, ELLEN LOUISA, B.A.; Professor of Pure Mathematics and Head of the Department, Wellesley College, Wellesley, Mass.

1904, Oct. | BUSSEY, WILLIAM HENRY, M.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn.

1908, Oct. | BUTTS, WILLIAM HENRY, M.A., Ph.D. (Zurich); Junior Professor of Mathematics and Assistant Dean of the Department of Engineering, University of Michigan, Ann Arbor, Mich. *919 Oakland Avenue.*

1891, Apr. | BYERLY, WILLIAM ELWOOD, M.A., Ph.D. (Harvard); Editor of the *Annals of Mathematics;* Perkins Professor of Mathematics, Harvard University, Cambridge, Mass. *39 Hammond Street.*

1891, June | CAIN, WILLIAM, C.E., M.A.; Member of the American Society of Civil Engineers; Professor of Mathematics, University of North Carolina, Chapel Hill, N. C.

1905, Feb. | CAIRNS, WILLIAM DeWEESE, M.A., Ph.D. (Göttingen); Associate Professor of Mathematics, Oberlin College, Oberlin, Ohio. *400 East College Street.*

1899, Apr. | CAJORI, FLORIAN, M.Sc., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics and Dean of the Engineering School, Colorado College, Colorado Springs, Colo. *1119 Wood Avenue.*

1907, Dec. | CAMP, BURTON HOWARD, M.A.; Associate Professor of Mathematics, Wesleyan University, Middletown, Conn. *11 Brainerd Avenue.*

Date of
Admission.

1900,	Dec.	CAMPBELL, DONALD FRANCIS, Ph.D. (Harvard); Professor of Mathematics, Armour Institute of Technology, Chicago, Ill.
1910,	Oct.	CAMPBELL, GEORGE ASHLEY, B.Sc., M.A., Ph.D. (Harvard); Research Engineer, American Telephone and Telegraph Company, New York, N. Y. *15 Dey Street.*
1909,	Feb.	CAMPBELL, WILLIAM TAYLOR, M.A.; Head of the Department of Mathematics, Boston Latin School. *38 Langdon Street, Cambridge, Mass.*
1897,	Oct.	CAPRON, PAUL, M.A.; Instructor in Mathematics, U. S. Naval Academy, Annapolis, Md.
1908,	Apr.	CAREY, EUGENE FRANCIS ALOYSIUS, B.Sc.; Instructor in Mathematics, University of Montana, Missoula, Mont.
1906,	Apr.	CARMICHAEL, ROBERT DANIEL, B.A.; Member of the Deutsche Mathematiker-Vereinigung; Fellow in Mathematics, Princeton University, Princeton, N. J.
1906,	Oct.	CARPENTER, ALLEN FULLER, M.A.; Instructor in Mathematics, University of Washington, Seattle, Wash. *4024 Tenth Avenue, N. E.*
1907,	Dec.	CARRUTH, WILLIAM MASSEY, B.A.; Assistant Professor of Mathematics, Hamilton College, Clinton, N. Y. *P. O. Box 25.*
1906,	Feb.	CARTER, BENJAMIN EDWARD, M.A.; Instructor in Mathematics, Colby College, Waterville, Me.
1905,	Dec.	CARVER, WALTER BUCKINGHAM, Ph.B., Ph.D. (Johns Hopkins); Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. *101 Fairmount Avenue.*
1896,	Apr.	CHACE, ARNOLD BUFFUM, M.A., D.Sc. (Brown). Providence, R. I. *324 Angell Street.*
1908,	Sept.	CHAMBERS, GEORGE GAILEY, B.A., Ph.D. (Pennsylvania); Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. *55 East Essex Avenue, Lansdowne, Pa.*
1908,	Apr.	CHAPMAN, FRANK E., M.A.; Professor of Mathematics, Southern University, Greensboro, Ala.
1895,	Nov.	CHESSIN, ALEXANDER S., M.A., C.E., Ph.D. Care of H. A. Tabb, *231 West 96th Street,* New York, N. Y.
1895,	Nov.	CHITTENDEN, J. BRACE, B.Sc., M.A., Ph.D. (Königsberg); Professor of Mathematics, Brooklyn Polytechnic Institute, Brooklyn, N. Y.

Date of
Admission.

1900,	Dec.	CLARKE, JOHN EASTMAN, B.A., Ph.D. (Boston); Acting Professor of Philosophy, Boston University, Boston, Mass. *18 Centre Street, Cambridge, Mass.*
1891,	Apr.	CLARK, JOHN EMORY, M.A.; Emeritus Professor of Mathematics, Yale University, New Haven, Conn. *34 South Park Terrace,* Longmeadow, Mass.
1907,	Dec.	CLEMENTS, GUY ROGER, M.A.; Professor of Mathematics, University of North Carolina, Chapel Hill, N. C.
1906,	Feb.	COAR, HENRY LIVINGSTON, M.A., Ph.D. (Illinois); Professor of Mathematics and Lee Lecturer on Astronomy, Marietta College, Marietta, Ohio. *Muskingum Terrace.*
1907,	Apr.	COBB, HERBERT EDGAR, M.A.; Member of the Circolo Matematico di Palermo; Departmental Editor of *School Science and Mathematics;* Professor and Head of the Department of Mathematics, Lewis Institute, Chicago, Ill.
1902,	Dec.	COBLE, ARTHUR B., M.A., Ph.D. (Johns Hopkins); Associate Professor of Mathematics, Johns Hopkins University, Baltimore, Md.
1905,	Dec.	CODDINGTON, EMILY, M.A., Ph.D. (Columbia). *24 West 58th Street,* New York, N. Y.
1893,	Feb.	COHEN, 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.*
1906,	Sept.	COLPITTS, ELMER CLIFFORD, B.A., Ph.D. (Cornell); Member of the Circolo Matematico di Palermo; Professor of Mathematics, College of Emporia, Emporia, Kan. *1229 West Street.*
1907,	Dec.	COLPITTS, JULIA TRUEMAN, M.A.; Assistant Professor of Mathematics, Iowa State College, Ames, Ia.
1903,	Aug.	COMSTOCK, CLARENCE ELMER, M.A.; Professor of Mathematics and Head of the Department, Bradley Polytechnic Institute, Peoria, Ill.

Date of
Admission.

1898,   Feb. | COMSTOCK, ELTING HOUGHTALING, M.Sc.; Professor of Mechanics and Mathematics, School of Mines, University of Minnesota, Minneapolis, Minn.

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

1909,   Dec. | CONNER, JAMES RYALS, B.A., Ph.D. (Johns Hopkins); Johns Hopkins University, Baltimore, Md.

1906,   Sept. | CONSTANTIUS, BROTHER, M.A., Ph.D. (St. Louis), LL.D.; Member of the Circolo Matematico di Palermo; Professor of Philosophy, Christian Brothers College, St. Louis, Mo.

1904,   Sept. | CONVERSE, HENRY A., B.A., Ph.D. (Johns Hopkins); Head of the Department of Mathematics, Baltimore Polytechnic Institute, Baltimore, Md. *1204 Mount Royal Avenue.*

1908,   Sept. | CONWELL, GEORGE MACFEELY, M.A., Ph.D. (Princeton); Instructor in Mathematics, Yale University, New Haven, Conn. *681 Yale Station.*

1900,   June | *COOLIDGE, JULIAN LOWELL, B.A., B.Sc., Ph.D. (Bonn); Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. *7 Fayerweather Street.*

1907,   Apr. | COREY, SAMUEL ARTHUR, Member of the Circolo Matematico di Palermo. Treasurer of the Wapello Coal Company, Hiteman, Ia.

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., Ph.D. (Columbia); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Collaborator of the *Revue Semestrielle des Publications Mathématiques;* Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.

1908,   Oct. | CRAIG, CLYDE FIRMAN, B.A., Ph.D. (Cornell); Instructor in Mathematics, Cornell University, Ithaca, N. Y. *310 East Mill Street.*

1900,   Dec. | CRATHORNE, ARTHUR R., B.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Associate in Mathematics, University of Illinois, Champaign, Ill. *1113 South Fourth Street.*

1891,   Apr. | CRAWLEY, EDWIN SCHOFIELD, B.Sc., Ph.D. (Pennsylvania); Thomas A. Scott Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.

Date of
Admission.

1903,	Oct.	CUMMINGS, LOUISE DUFFIELD, M.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.
1905,	Oct.	*CUNNINGHAM, ALLAN JOSEPH CHAMPNEYS, Lieutenant Colonel R. E., retired; Member of the London Mathematical Society; Fellow of King's College, London. *20 Essex Villas, Kensington*, London, W., England.
1891,	Dec.	CUNNINGHAM, SUSAN J., Emeritus Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa. *3308 Arch Street, Philadelphia, Pa.*
1900,	Dec.	CURJEL, HARALD WORTHINGTON, M.A.; F.I.A.; Member of the London Mathematical Society; La Mexicana Compañia de Seguros sobre la Vida, Mexico, D. F., Mexico. *Apartado 651.*
1908,	Feb.	CURRIER, CLINTON HARVEY, M.A.; Instructor in Mathematics, Brown University, Providence, R. I. *Hainholzweg 20, Göttingen, Germany.*
1904,	Oct.	CURTIS, ARTHUR MILLS, B.Sc.; Instructor in Mathematics, State Normal and Training School, Oneonta, N. Y.
1902,	Feb.	CURTISS, DAVID RAYMOND, M.A., Ph.D. (Harvard); Member of the Société Mathématique de France; Professor of Mathematics, Northwestern University, Evanston, Ill. *720 Milburn Street.*
1906,	Oct.	DADOURIAN, HAROUTUNE MUGURDICH, M.A., Ph.D. (Yale); Instructor in Physics, Sheffield Scientific School, Yale University, New Haven, Conn. *609 Yale Station.*
1909,	Oct.	DALAKER, HANS H., B.A.; Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn. *523 Walnut Street, S. E.*
1900,	Oct.	DAVIS, CHARLES HENRY. South Yarmouth, Mass.
1910,	Oct.	DAVIS, ELIZABETH BROWN, B.Sc.; Nautical Almanac Office, Washington, D. C.
1891,	Apr.	DAVIS, ELLERY WILLIAMS, B.Sc., Ph.D. (Johns Hopkins); Member of the Mathematical Association; Head Professor of Mathematics and Dean of the College of Arts and Sciences, University of Nebraska, Lincoln, Neb.
1903,	Aug.	*DAVIS, HARVEY NATHANIEL, Ph.D.; Assistant Professor of Physics, Harvard University, Cambridge, Mass. *507 Craigie Hall.*

Date of
Admission.

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

1905,   Feb. | DAVISSON, SCHUYLER COLFAX, M.A., Sc.D.; Professor of Mathematics, Indiana University, Bloomington, Ind.   *515 East Third Street.*

1904,   Oct. | DEAN, GEORGE REINALD, B.Sc., C.E.; Professor of Mathematics, School of Mines, University of Missouri, Rolla, Mo.

1905,   Oct. | DECHERD, MARY ELIZABETH, M.A.; Instructor in Mathematics, University of Texas, Austin, Tex.   *2313 Nueces Street.*

1908,   Sept. | DECKER, FLOYD FISKE, Ph.M., Ph.D. (Syracuse); Assistant Professor of Mathematics, Syracuse University, Syracuse, N. Y.   *854 Sumner Avenue.*

1903,   Feb. | DE COU, EDGAR EZEKIEL, M.Sc.; Professor and Head of the Department of Mathematics, University of Oregon, Eugene, Ore.   *719 Mill Street.*

1909,   Sept. | DEDERICK, LOUIS SERLE, M.A., Ph.D. (Harvard); Instructor in Mathematics, Princeton University, Princeton, N. J.   *23 William 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.; Member of the Circolo Matematico di Palermo; Assistant Professor of Mechanics, Stevens Institute, Hoboken, N. J.   *146 Berkeley Place, Brooklyn, N. Y.*

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

1895,   Jan. | DELURY, ALFRED TENNYSON, M.A.; 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.

1909,   Apr. | DENTON, WILLIAM WELLS, M.A.; Assistant in Mathematics, University of Illinois, Urbana, Ill.   *617 South Wright Street, Champaign, Ill.*

1896,   Nov. | DICKSON, LEONARD EUGENE, B.Sc., M.A., Ph.D. (Chicago); Member of the London Mathematical Society; Editor of the *Transactions of the American Mathe-*

Date of
Admission.

matical Society; Professor of Mathematics, University of Chicago, Chicago, Ill.

1904, Apr. DIMICK, CHESTER EDWARD, M.A.; Instructor of Cadets, U. S. Revenue Cutter Service, Fort Trumbull, New London, Conn.

1904, Sept. DODD, EDWARD LEWIS, M.A., Ph.D. (Yale); Instructor in Mathematics, University of Texas, Austin, Texas. *Box 115, University Station.*

1905, Dec. DOHMEN, FRANZ JOSEPH, B.Lit., Ph.D. (Greifswald); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Instructor in Mathematics, Harvard University, Cambridge, Mass. *30½ Mellen Street.*

1897, Apr. DOWLING, LINNÆUS WAYLAND, Ph.D. (Clark); Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, University of Wisconsin, Madison, Wis. *2 Roby Road.*

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.

1907, Sept. DRESDEN, ARNOLD, M.Sc., Ph.D. (Chicago); Instructor in Mathematics, University of Wisconsin, Madison, Wis. *1120 West Johnson Street.*

1906, Sept. DROKE, GEORGE WESLEY, M.A.; Professor of Mathematics and Astronomy, University of Arkansas, Fayetteville, Ark. *103 Hill Street.*

1902, Oct. DUNKEL, OTTO, M.E., M.A., Ph.D. (Harvard); Instructor in Mathematics, University of Missouri, Columbia, Mo. *713 Missouri Avenue.*

1891, Apr. DURELL, FLETCHER, B.A., Ph.D.; Master in Mathematics, Lawrenceville School, Lawrenceville, N. J.

1891, Apr. DURFEE, WILLIAM PITT, B.A., Ph.D. (Johns Hopkins); Professor of Mathematics and Dean of the Faculty, Hobart College, Geneva, N. Y. *639 Main Street.*

1904, Feb. DUVAL, EDMUND PENDLETON RANDOLPH, B.Sc., M.A.; Associate Professor of Mathematics, University of Oklahoma, Norman, Okla. *P. O. Box 494.*

1905, Sept. ECHOLS, CHARLES PATTON, Graduate of the U. S. Military Academy; Lieutenant-Colonel, U. S. A.; Professor of Mathematics, U. S. Military Academy, West Point, N. Y.

Date of
Admission.

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.; Head Professor of Mathematics and Mechanics, College of Engineering, and Dean of the Graduate School, University of Minnesota, Minneapolis, Minn. *916 Sixth Street, S. E.*
1896,	Dec.	EDMONDSON, THOMAS WILLIAM, B.A., Ph.D. (Clark); Professor of Mathematics, New York University, New York, N. Y. *University Heights.*
1902,	Sept.	EDWARDS, GEORGE CUNNINGHAM, B.Ph.; Professor of Mathematics, University of California, Berkeley, Cal.
1897,	Feb.	EIESLAND, JOHN, B.Ph., Ph.D. (Johns Hopkins); Professor of Mathematics, University of West Virginia, Morgantown, W. Va.
1900,	Dec.	*EISENHART, LUTHER PFAHLER, B.A., Ph.D. (Johns Hopkins); Professor of Mathematics, Princeton University, Princeton, N. J. *22 Alexander Street.*
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.*
1910,	Oct.	EMMONS, CLYDE W., M.A.; Professor of Mathematics, Simpson College, Indianola, Ia.
1898,	Apr.	ENGBERG, CARL CHRISTIAN, B.Sc., M.A., Ph.D. (Nebraska); Professor of Applied Mathematics, University 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., LL.M.; Director of Mathematics, Washington High Schools, Washington, D. C. *2907 P Street, N. W.*
1904,	Sept.	EPSTEEN, SAUL, B.Sc., Ph.D. (Zurich); Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Colorado, Boulder, Colo. *1122 Pleasant Street.*
1898,	Oct.	*ESCOTT, EDWARD BRIND, M.Sc.; Instructor in Mathematics, University of Michigan, Ann Arbor, Mich. *1825 Hill Street.*
1901,	Dec.	ESTY, THOMAS CUSHING, M.A.; Professor of Mathematics, Amherst College, Amherst, Mass.

Date of
Admission.

1891,	May	ESTY, WILLIAM COLE, LL.D.; Emeritus Professor of Mathematics and Astronomy, Amherst College, Amherst, Mass.
1910,	Feb.	EVANS, GEORGE WILLIAM, B.A.; Headmaster of the Charlestown High School, Boston, Mass. *17 Everett Avenue, Dorchester, Mass.*
1909,	Oct.	EVANS, GRIFFITH CONRAD, M.A.; Fellow in Mathematics, Harvard University, Cambridge, Mass. *Presso Sebasti e Reali, 20 Piazza di Spagna, Rome, Italy.*
1905,	Sept.	EVANS, HENRY BROWN, M.E., Ph.D. (Pennsylvania); Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. *College Hall.*
1908,	Sept.	EWING, WILLIAM FERDINAND, B.A. *1760 West Adams Street,* Los Angeles, Cal.
1899,	Feb.	FAUGHT, JOHN BROOKIE, M.A., Ph.D.; Professor of Mathematics, Western State Normal School, Kalamazoo, Mich. *227 Douglas Avenue.*
1910,	Oct.	FEEMSTER, HOWARD CALVIN, B.A.; Professor of Mathematics, York College, York, Neb.
1901,	Feb.	*FERRY, FREDERICK CARLOS, M.A., Ph.D. (Clark), Sc.D. (Colgate); Professor of Mathematics and Dean, Williams College, Williamstown, Mass.
1907,	Apr.	FIELD, FLOYD, M.A.; Professor of Mathematics and Head of the Department, Georgia School of Technology, Atlanta, Ga. *91 Bryan Street.*
1900,	June	FIELD, PETER, M.Sc., Ph.D. (Cornell); Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *1054 Ferdon Road.*
1891,	May	*FIELDS, JOHN CHARLES, Ph.D. (Johns Hopkins); Fellow of the Royal Society of Canada; Member of the Société Mathématique de France; Associate Professor of Mathematics, University of Toronto, Toronto, Canada.
1901,	Oct.	FINDLAY, WILLIAM, M.A., Ph.D. (Chicago); Professor of Mathematics, McMaster University, Toronto, Canada.
1891,	May	FINE, HENRY BURCHARD, M.A., Ph.D. (Leipzig), LL.D.; Professor of Mathematics and Dean, Princeton University, Princeton, N. J.
1891,	June	FINKEL, BENJAMIN FRANKLIN, Ph.D.; Member of the London Mathematical Society; Member of the Circolo

Matematico di Palermo; Editor of the *American
Mathematical Monthly;* Professor of Mathematics and
Physics, Drury College, Springfield, Mo. *1227 Clay
Street.*

1891, Oct. FISHER, GEORGE EGBERT, M.A., Ph.D.; Member of the
Deutsche Mathematiker-Vereinigung; Member of the
Circolo Matematico di Palermo; Professor of Mathe-
matics and Dean of the College Faculty, University
of Pennsylvania, Philadelphia, 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); EX-
PRESIDENT; Member of the London Mathematical So-
ciety; Member of the Circolo Matematico di Palermo;
Professor of Mathematics, Columbia University, 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); Professor
of Mathematics, Columbia University, New York,
N. Y.

1910, Feb. FLANAGAN, CHARLES EDWARD. Actuary of the Con-
servative Life Insurance Company, Wheeling, W. Va.

1904, Oct. FLEET, ROBERT RYLAND, M.A., Ph.D. (Heidelberg); Pro-
fessor of Mathematics, William Jewell College, Lib-
erty, Mo. *44 Miller Avenue.*

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

1907, Feb. FOCKE, THEODORE M., B.Sc., Ph.D. (Göttingen); Kerr
Professor of Mathematics, Case School of Applied
Science, Cleveland, Ohio.

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

1899, Aug. *FORD, WALTER BURTON, M.A., Ph.D. (Harvard); Mem-
ber of the Société Mathématique de France; Member
of the Circolo Matematico di Palermo; Junior Pro-
fessor of Mathematics, University of Michigan, Ann
Arbor, Mich. *1345 Wilmot Street.*

1899, Dec. FORSYTH, ANDREW RUSSELL, Sc.D. (Cambridge, Dublin,
Victoria, Oxford, Liverpool), LL.D. (Glasgow, Aber-
deen); Math.D. (Christiania); F.R.S.; Hon. F.R.S.E.;

Foreign Member of the National Academy of Sciences;
Corresponding Associate of the Reale Istituto Lom-
bardo and of the Reale Istituto Veneto; Correspond-
ing Member of the Mathematical Society of Khar-
kow; Member of the London Mathematical Society;
Honorary Member of the Manchester Literary and
Philosophical Society and of the Calcutta Mathemat-
ical Society; Member of the Cambridge Philosophical
Society; F.R.A.S. Cambridge, England.

1893, Dec. | *FRANKLAND, FREDERICK WILLIAM; Fellow of the Insti-
tute of Actuaries; Member of the Actuarial Society
of America; Government Examiner in Statistical
Method and in Actuarial and Pure Mathematics, Fox-
ton, New Zealand.

1892, Dec. | FRANKLIN, FABIAN, B.Ph., Ph.D. (Johns Hopkins).
LL.D.; Associate Fellow of the American Academy
of Arts and Sciences. *The Evening Post*, New York,
N. Y.

1903, Feb. | FRAZER, FRANK DEAN, B.Sc., M.A. *1206 Haight Avenue*,
Portland, Ore.

1905, Feb. | FRENCH, JOHN SHAW, B.A., Ph.D. (Clark); Member of
the Circolo Matematico di Palermo; Principal of the
Morris Heights School, Providence, R. I.

1895, Nov. | FRIZELL, ARTHUR BOWES, M.A., Ph.D. (Kansas); Mem-
ber of the Deutsche Mathematiker-Vereinigung; Mem-
ber of the Circolo Matematico di Palermo; Instructor
in Mathematics, University of Kansas, Lawrence,
Kans. *940 Indiana Street.*

1909, Apr. | GABA, MEYER, M.Sc.; Instructor in Mathematics, School
of Mines and Metallurgy, University of Missouri,
Rolla, Mo.

1892, Oct. | GABLE, GEORGE DANIEL, M.A., Ph.D.; Johnson Professor
of Mathematics and Astronomy, University of
Wooster, Wooster, Ohio.

1908, Dec. | GAEHR, PAUL FREDERICK, M.A.; Professor of Mathe-
matics, Robert College, Constantinople, Turkey.

1899, Oct. | GALE, ARTHUR SULLIVAN, B.A., Ph.D. (Yale); Member
of the Deutsche Mathematiker-Vereinigung; Fayer-
weather Professor of Mathematics, University of
Rochester, Rochester, N. Y. *35 Vick Park B.*

1909, Apr. | GARRETT, WILLARD HAYES, B.Sc.; Professor of Mathe-
matics and Astronomy, Baker University, Baldwin,
Kan.

Date of
Admission.

1909,	Feb.	GARRISON, WILBERT A., M.A.; Assistant Professor of Mathematics, Engineering School, Union University, Schenectady, N. Y. *99 Van Vanken Avenue.*
1904,	Dec.	GAVETT, GEORGE IRVING, B.Sc. (C.E.); Instructor in Mathematics, University of Washington, Seattle, Washington. *5252 Sixteenth Avenue, N. E.*
1903,	Dec.	GECKELER, OTTO THEODORE, B.A.; Professor of Mathematics, Whitman College, Walla Walla, Wash.
1894,	Feb.	GENTRY, RUTH, Ph.B., Ph.D. (Bryn Mawr); Stilesville, Ind.
1897,	Dec.	GERMANN, GEORGE B., B.A., Ph.D. (Columbia); Principal of Public School No. 130, *Ocean Parkway and Fort Hamilton Avenue,* Brooklyn, N. Y.
1901,	Feb.	*GERRANS, HENRY TRESAWNA, M.A.; Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; Member of the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Fellow and Lecturer of Worcester College, Oxford, England.
1903,	Oct.	GIBSON, GEORGE ALEXANDER, M.A., LL.D.; Fellow of the Royal Society of Edinburgh; Honorary Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Glasgow, Glasgow, Scotland. *10 The University.*
1907,	Feb.	GILLESPIE, DAVID CLINTON, M.A., Ph.D. (Göttingen); Instructor in Mathematics, Cornell University, Ithaca, N. Y. *120 Oak Avenue.*
1904,	Apr.	GILLESPIE, WILLIAM, B.A., Ph.D. (Chicago); Assistant Professor of Mathematics, Princeton University, Princeton, N. J. *10 Nassau Street.*
1910,	Feb.	GITHENS, CURRAN ELLSWORTH, M.A.; Supervising Principal of Schools, Wheeling, W. Va. *25 Kentucky Avenue.*
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 STUART CADENHEAD, LL.D.; Fellow of the Royal Society of Canada Ottawa, Canada.
1906,	Sept.	GLAZIER, HARRIET EUDORA, M.A.; Professor of Mathematics, Western College for Women, Oxford, Ohio.

Date of
Admission.

1905, Dec. GLENN, OLIVER EDMUNDS, M.A., Ph.D. (Pennsylvania);
Assistant Professor of Mathematics, University of
Pennsylvania, Philadelphia, Pa. *College Hall.*

1896, Nov. GLOVER, JAMES WATERMAN, M.A., Ph.D. (Harvard);
Fellow of the American Institute of Actuaries;
Member of the Deutscher Verein für Versicherungs-
Wissenschaft; Member of the American Statistical
Association; Junior Professor of Mathematics and
Insurance, University of Michigan, Ann Arbor, Mich.
620 Oxford Road.

1904. Feb. GOODENOUGH, GEORGE ALFRED, M.E.; Associate Professor
of Mechanical Engineering, University of Illinois,
Urbana, Ill. *607 West Elm Street.*

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

1909, Oct. GOTTSCHALL, LOUIS, B.Sc., M.A. *462 Broadway*, New
York, N. Y.

1902, Feb. GOULD, ALICE BACHE, B.A. *535 Beacon Street*, Boston,
Mass.

1903, Oct. GOULD, MARY FRANCIS, B.A. Teacher of Mathematics,
Roxbury High School, Boston, Mass.

1904, Dec. GRABER, MYRON EARLE, M.A.; Member of the Circolo
Matematico di Palermo; Professor of Physics, Heidel-
berg University, Tiffin, O. *122 Circular Street.*

1909, Apr. GRAHAM, SARAH EFFIE, B. Sc.; Head of the Department
of Mathematics, Topeka High School, Topeka, Kan.
829 Lane Street.

1903, Aug. GRAHAM, WILLIAM JOSEPH, B.A.; Member of the Circolo
Matematico di Palermo; Fellow of the Actuarial So-
ciety of America; Consulting Actuary of the American
School of Insurance; Vice-President and Actuary of
the Northwestern National Life Insurance Company,
Minneapolis, Minn.

1904, Oct. GRANT, ELMER DANIEL, M.A.; Assistant Professor of
Mathematics and Physics, Michigan College of Mines,
Houghton, Mich.

1897, May GRANVILLE, WILLIAM ANTHONY, B.Ph., Ph.D. (Yale);
President of Pennsylvania College, Gettysburg, Pa.

1906, Oct. GRAVATT, THOMAS E., B.Sc.; Instructor in Mathematics,
Pennsylvania State College, State College, Pa.

1897, Oct. *GREENHILL, SIR GEORGE, M.A.; Member of the Deutsche
Mathematiker-Vereinigung; Late Professor of Mathe-
matics, Artillery College, Woolwich, England. *1
Staple Inn, London, W. C.*

Date of
Admission.

1901, Oct. | GREENWOOD, GEORGE WILLIAM, M.A. Member of the Circolo Matematico di Palermo; Member of the Mathematical Association; Auditor of the United Fire Brick Company, Uniontown, Pa. *Dunbar, Pa.*

1906, Apr. | GRIFFIN, FRANK LOXLEY, B.Sc., M.Sc., Ph.D. (Chicago); Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Williams College, Williamstown, Mass.

1893, Dec. | GRIFFITHS, IDA, B.A. *95 Garden Street,* Poughkeepsie, N. Y.

1910, Sept. | GRIMES, NATHAN CESNA, M.A.; Professor of Mathematics, University of Arizona, Tucson, Ariz.

1899, Oct. | *GROAT, BENJAMIN FELAND, B.Sc., LL.B.; Professor of Mechanics and Mathematics, School of Mines, University of Minnesota, Minneapolis, Minn.

1907, Feb. | GROVE, CHARLES CLAYTON, M.A., Ph.D. (Johns Hopkins; Assistant Professor of Mathematics, Columbia University, New York, N. Y.

1905, Sept. | *GUCCIA, GIOVANNI BATTISTA, NOB. DEI MARCHESI DI GANZARIA, Math.D. (Rome); Member of the Royal Academy of Sciences, Letters and Fine Arts of Palermo; Honorary Member of the Academy Givenia of Catania and of the Royal Academy of Sciences, Letters, and Arts of Modena; Member of the Kaiserliche Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher; Corresponding Member of the Royal Academy of Sciences of Turin and of the Royal Society of Liège; Founder of the Circolo Matematico di Palermo; Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Corresponding Member of the Société Philomathique de Paris; Member of the International Commission of the *Répertoire Bibliographique des Sciences Mathématiques;* Founder and Director of the *Rendiconti del Circolo Matematico di Palermo;* Professor of Higher Geometry, University of Palermo, Palermo, Italy. *Via Ruggiero Settimo, 30.*

1894, June | *GUMMERE, HENRY VOLKMAR, B.Sc., M.A.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Drexel Institute, Philadelphia, Pa.

1909, Apr. | GUNDELFINGER, GEORGE FREDERICK, B.Ph., Ph.D. (Yale); Instructor in Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *148 Grove Street.*

Date of Admission.	
1902, Feb.	GUNDERSEN, CARL, M.A., Ph.D. (Columbia); Professor of Mathematics, Oklahoma Agricultural and Mechanical College, Stillwater, Okla.
1906, Sept.	GUNTHER, CHARLES OTTO, M.E.; Associate Member of the American Society of Civil Engineers and of the American Society of Mechanical Engineers; Member of the Circolo Matematico di Palermo; Professor of Mathematics and Head of the Department, Stevens Institute of Technology, Hoboken, N. J.
1902, Dec.	HALL, ARTHUR GRAHAM, B.Sc., Ph.D. (Leipzig); Professor of Mathematics, University of Michigan, Ann Arbor, Mich.
1894, Oct.	HALLETT, GEORGE HERVEY, M.A., Ph.D.; Member of the London Mathematical Society; Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. *College Hall.*
1891, May	HALSTED, GEORGE BRUCE, M.A., Ph.D. (Johns Hopkins); Member of the Société Mathématique de France; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Mathematical Association; F.R.A.S.; Professor of Mathematics, State Normal School of Colorado, Greeley, Colo. *921 Eighth Avenue.*
1901, Oct.	*HANAWALT, FRANCIS WAYLAND, M.A.; Professor of Mathematics and Astronomy, University of Puget Sound, Tacoma, Wash. *412 South I Street.*
1902, Dec.	HANCOCK, EDWARD LEE, M.Sc.; Professor of Applied Mechanics, Worcester Polytechnic Institute, Worcester, Mass.
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; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. *2415 Auburn Avenue, Mount Auburn.*
1900, Dec.	HANNA, ULYSSES S., M.A., Ph.D. (Pennsylvania); Member of Circolo Matematico di Palermo; Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, Indiana University, Bloomington, Ind. *828 Atwater Avenue.*

Date of
Admission.

1894, Feb. | *HARDCASTLE, FRANCES, Member of the London Mathematical Society. *19 Ellison Place*, Newcastle-on-Tyne, England.

1902, Apr. | HARDY, JAMES GRAHAM, M.A., Ph.D. (Johns Hopkins); Associate Professor of Mathematics, Williams College, Williamstown, Mass.

1891, May | *HARKNESS, JAMES, M.A.; Member of the London Mathematical Society; Professor of Mathematics, McGill University, Montreal, Canada.

1909, Apr. | HARSHBARGER, WILLIAM ASBURY, B.Sc.; Professor of Mathematics, Washburn College, Topeka, Kan. *1401 College Avenue.*

1891, Apr. | HART, JAMES NORRIS, C.E., M.Sc.; Professor of Mathematics and Astronomy, University of Maine, Orono, Me.

1907, Apr. | HARTWELL, GEORGE WILBER, M.A., Ph.D. (Columbia); Member of the Circolo Matematico di Palermo; Professor of Mathematics, Hamline University, St. Paul, Minn. *1549 West Minnehaha Street.*

1904, Feb. | HARVEY, HENRY CLAY, M.Sc.; Head of the Department of Mathematics, State Normal School, Kirksville, Mo. *1315 East Normal Avenue.*

1907, Oct. | HASEMAN, CHARLES, M.A., Ph.D. (Göttingen); Member of the Circolo Matematico di Palermo; Professor of Mathematics and Mechanics, University of Nevada, Reno, Nev.

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

1903, Feb. | HASKINS, CHARLES NELSON, B.Sc., Ph.D. (Harvard); Assistant Professor of Mathematics, Dartmouth College, Hanover, N. H. *R. F. D. 1, Lebanon, N. H.*

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

1898, Aug. | HAWKES, HERBERT EDWIN, B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, Columbia University, New York, N. Y.

Date of
Admission.

1906,	Oct.	HAWKESWORTH, REV. ALAN SPENCER; Member of the Circolo Matematico di Palermo; Instructor in Higher Mathematics, University of Pittsburgh. Sheridan-ville, Pittsburgh, Pa.
1908,	Sept.	HAYNES, ARTHUR EDWIN, M.Sc., M.Ph., Sc.D. (Hillsdale); Professor of Engineering Mathematics, University of Minnesota, Minneapolis, Minn. *703 River Road East.*
1905,	Dec.	HAYNES, ELI STUART, M.A.; Instructor in Astronomy, University of Missouri, Columbia, Mo. *Laws Observatory.*
1910,	Sept.	H'DOUBLER, FRANCIS TODD, M.A., Ph.D. (Wisconsin); Assistant Professor of Mathematics, Miami University, Oxford, Ohio.
1901,	Aug.	HEDRICK, EARLE RAYMOND, M.A., Ph..D. (Göttingen); Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereingung; Member of the Circolo Matematico di Palermo; Professor and Head of the Department of Mathematics, University of Missouri, Columbia, Mo. *304 Hicks Avenue.*
1910,	Sept.	HENDERSON, ROBERT, B.A.; Fellow of the Institute of Actuaries; Fellow of the Actuarial Society of America; Member of the Statistical Association; Assistant Actuary of the Equitable Life Assurance Society. *120 Broadway,* New York, N. Y.
1900,	Dec.	HEWES, LAURENCE ILSLEY, B.Sc., Ph.D. (Yale); Assistant Professor of Mathematics, Whitman College, Walla Walla, Wash. *46 Park Street.*
1904,	Oct.	HIGDON, JOHN E., B.A.; Assistant Actuary of The State Life Insurance Company, Indianapolis, Ind. *State Life Building.*
1906,	Oct.	HIGLEY, HOMER RANSOM, M.Sc.; Assistant Professor of Mathematics, Stevens Institute, Hoboken, N. J.
1907,	Sept.	HILDEBRANDT, THEOPHIL HENRY, B.A., M.Sc., Ph.D. (Chicago); Instructor in Mathematics, University of Michigan, Ann Arbor, Mich. *1317 Washtenaw Avenue.*
1892,	Dec.	HILL, GEORGE WILLIAM, Ph.D., Sc.D., LL.D.; EX-PRESIDENT; Member of the National Academy of Sciences; Corresponding Member of the Paris Academy of Sciences and of the Royal Bavarian and Belgian Academies of Sciences; Foreign Member of the Royal Societies of London and Edinburgh and of the Scientific

Society of Christiania; Foreign Associate of the Royal
Astronomical Society; Honorary Member of the Lon-
don Mathematical Society, of the Calcutta Mathemat-
ical Society, and of the American Philosophical So-
ciety; Assistant Editor of the *Astronomical Journal.*
West Nyack, N. Y.

1905, Sept. | HILTEBEITEL, ADAM MILLER, M.A., Ph.D. (Princeton);
Instructor in Mathematics, University of Pennsyl-
vania, Philadelphia, Pa.

1898, Dec. | HIMOWICH, ADOLPH A., M.Sc., M.D. *1913 Madison Ave-
nue,* New York, N. Y.

1910, Oct. | HITCHCOCK, RAYMOND ROYCE, M.A.; Instructor in Math-
ematics, University of North Dakota, University,
N. Dak.

1905, Feb. | HODGE, FREDERICK HUMBERT, M.A.; Professor of Mathe-
matics, Franklin College, Franklin, Ind. *670 East
Jefferson Street.*

1910, Dec. | HODGE, PERCY, B.A., B.Sc., Ph.D. (Cornell); Assistant
Professor of Mechanics, Columbia University, New
York, N. Y.

1902, Apr. | HODGKINS, HOWARD LINCOLN, M.A., Ph.D. (George Wash-
ington); Professor and Head of the Department of
Mathematics and Dean of the College of Engineering,
George Washington University, Washington, D. C.

1909, Apr. | HOGREFE, LOUIS T. W., Ph.C., B.Sc.; Member of the
American Chemical Society; Director of the Depart-
ment of Chemistry, Patton Paint Company, Milwaukee,
Wis.

1895, Feb. | HOLGATE, THOMAS FRANKLIN, M.A., Ph.D. (Clark),
LL.D.; Member of the Deutsche Mathematiker-Vereini-
gung; Professor of Mathematics and Dean of the Col-
lege of Liberal Arts, Northwestern University, Evans-
ton, Ill. *617 Library Street.*

1902, Dec. | HOSKINS, LEANDER MILLER, C.E., M.Sc.; Professor of
Applied Mathematics, Stanford University, Palo Alto,
Cal. *365 Lincoln Avenue.*

1891, May | HOWE, CHARLES SUMNER, Ph.D., Sc.D., LL.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; Member of the Astro-
nomical and Astrophysical Society of America; Direc-

Date of
Admission.

tor of the Chamberlin Observatory and Dean of the College of Liberal Arts, University of Denver, University Park, Colo.

1909, Apr. HOWLAND, LEROY ALBERT, M.A., Ph.D. (Munich); Editor of the *Annals of Mathematics;* Associate Professor of Mathematics, Wesleyan University, Middletown, Conn. *51 Wyllys Avenue.*

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

1904, Feb. HUN, JOHN GALE, Ph.D. (Johns Hopkins); Preceptor in Mathematics, Princeton University, Princeton, N. J.

1901, Oct. HUNTINGTON, EDWARD VERMILYE, M.A., Ph.D. (Strassburg); Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Annals of Mathematics;* Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. *27 Everett Street.*

1906, Sept. HURWITZ, WALLIE ABRAHAM, B.Sc., M.A. *Hainholzweg 20, Göttingen, Germany.*

1891, Apr. HUSSEY, WILLIAM J., B.Sc.; Foreign Associate of the Royal Astronomical Society; Professor of Astronomy and Director of the Observatory, University of Michigan, Ann Arbor, Mich.

1896, Nov. HUTCHINSON, JOHN IRWIN, B.A., Ph.D. (Chicago); Associate Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematics, Cornell University, Ithaca, N. Y. *Cornell Heights.*

1891, May HYDE, EDWARD WYLLYS, C.E.; Actuary of the Columbia Life Insurance Company, Cincinnati, Ohio. *814 Lincoln Avenue, Station D.*

1904, Apr. INGOLD, LOUIS, M.A., Ph.D. (Chicago); Instructor in Mathematics, University of Missouri, Columbia, Mo.

1908, Dec. IRWIN, FRANK, B.Sc., M.A., Ph.D. (Harvard); Instructor in Mathematics, Princeton University, Princeton, N. J. *78 Alexander Street.*

1901, Dec. JACKSON, LAMBERT LINCOLN, M.A., Ph.D.; Head of the Educational Department of D. Appleton and Company, New York, N. Y. *35 West 32nd Street.*

1907, Dec. JACKSON, WILLIAM HARTAS, M.A.; Member of the London Mathematical Society.

Date of
Admission.

1892,	Jan.	JACOBUS, DAVID S., M.E.; Advisory Engineer, The Babcock and Wilcox Company, New York, N. Y.; Special Lecturer in Experimental Engineering, Stevens Institute of Technology, Hoboken, N. J. *70 Summit Avenue, Jersey City, N. J.*
1906,	Sept.	JAMES, GEORGE OSCAR, Ph.D. (Johns Hopkins); Assistant Professor of Mathematics and Astronomy, Washington University, St. Louis, Mo.
1905,	Dec.	JEANS, JAMES HOPWOOD, M.A., F.R.S.; Member of the London Mathematical Society; Stokes Lecturer in Mathematics, Cambridge University, Cambridge, England. *Woodlands, Chaucer Road.*
1897,	Apr.	JOFFE, S. A., M.Sc.; Member of the Circolo Matematico di Palermo; Fellow of the Actuarial Society of America; Assistant Actuary of the Mutual Life Insurance Company of New York. *55 Cedar Street,* New York, N. Y.
1906,	Sept.	JOHNSON, BENJAMIN FRANKLIN, M.A.; Professor of Mathematics, Missouri State Normal School, Cape Girardeau, Mo.
1891,	Mar.	JOHNSON, WILLIAM WOOLSEY, M.A.; Member of the London Mathematical Society; Professor of Mathematics, U. S. Naval Academy, Annapolis, Md.
1907,	Apr.	JONES, CECIL CHARLES, M.A., Ph.D. (New Brunswick), LL.D. (Toronto); Chancellor of the University of New Brunswick, Fredericton, N. B., Canada.
1904,	Oct.	KARPINSKI, LOUIS CHARLES, B.A., Ph.D. (Strassburg); Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *912 Forest Avenue.*
1899,	Oct.	*KASNER, EDWARD, M.A., Ph.D. (Columbia); Member of the Circolo Matematico di Palermo; Associate Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematics, Columbia University, New York, N. Y. *22 West 119th Street.*
1903,	Oct.	KELLOGG, OLIVER DIMON, M.A., Ph.D. (Göttingen); Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of Missouri, Columbia, Mo. *411 Hitt Street.*
1891,	Dec.	KENNELLY, A. E., M.A., D.Sc.; F.R.A.S.; Professor of Electrical Engineering, Harvard University, Cambridge, Mass.

Date of
Admission.

1900, Dec. | KENYON, ALFRED MONROE, M.A.; Professor and Head of the Department of Mathematics, Purdue University, Lafayette, Ind. *315 University Street,* West Lafayette.

1897, Aug. | KEPPEL, HERBERT G., B.A., Ph.D. (Clark); Member of the Amsterdam Mathematical Society; Professor of Mathematics, University of Florida, Gainesville, Florida.

1897, Aug. | KEYSER, CASSIUS JACKSON, B.Sc., M.A., Ph.D. (Columbia); Member of the Circolo Matematico di Palermo; American Editorial Representative of the *Hibbert Journal;* Adrain Professor and Head of the Department of Mathematics, Columbia University, New York, N. Y.

1907, Sept. | KING, WILLIAM JOSEPH, M.A.; Instructor in Mathematics, U. S. Naval Academy, Annapolis, Md. *232 Prince George Street.*

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

1903, Apr. | KOCH, ERNEST HERMAN, JR., B.Sc.; Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. *421 Park Place.*

1907, Dec. | KRATHWOHL, WILLIAM CHARLES, M.A.; Instructor in Mathematics, Columbia University, New York, N. Y.

1901, Oct. | KUHN, HARRY WALDO, Ph.D. (Cornell); Professor of Mathematics, Ohio State University, Columbus, Ohio. *316 West Ninth Avenue.*

1910, Dec. | KUSCHKE, CHARLES GUSTAVE PAUL, M.A., Mech.E.; Instructor in Mathematics, University of California, Berkeley, Cal. *2217 Fulton Street.*

1894, Apr. | *LADUE, POMEROY, B.Sc. *5011 Warrington Avenue,* Philadelphia, Pa.

1893, Dec. | LAMBERT, PRESTON ALBERT, M.A.; Professor of Mathematics, Lehigh University, South Bethlehem, Pa. *215 South Center Street,* Bethlehem, Pa.

1906, Feb. | LAMBERT, WALTER DAVIS, M.A.; Instructor in Mathematics, University of Pennsylvania Philadelphia, Pa. *College Hall.*

1910, Apr. | LAMOND, JOHN KENYON, B.Sc., M.A., Ph.D. (Yale); Instructor in Mathematics, Wesleyan University, Middletown, Conn. *5 Stowe Avenue.*

1897, Jan. | LANDIS, WILLIAM WEIDMAN, M.A., Sc.D.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Dickinson College, Carlisle, Pa.

Date of
Admission.

1898, Apr. | LANZA, GAETANO, B.Sc., C. and M.E.; Cavaliero dei S. S. Maurizio e Lazzaro; Professor of Theoretical and Applied Mechanics, in charge of the Department of Mechanical Engineering, Massachusetts Institute of Technology, Boston, Mass.

1906, Oct. | LASKER, EMANUEL, Ph.D. (Erlangen). *116 Nassau Street*, New York, N. Y.

1897, May | LAVES, KURT, M.A., Ph.D. (Berlin); Member of the Astronomische Gesellschaft; Associate Professor of Astronomy, University of Chicago, Chicago, Ill.

1889, Dec. | LEGRAS, GUSTAVE, M.Sc.; Associate Professor of Mathematics, College of the City of New York. *St. Nicholas Terrace*, New York, N. Y.

1900, Oct. | LEHMER, DERRICK NORMAN, M.A., Ph.D. (Chicago); Associate Professor of Mathematics, University of California, Berkeley, Cal. *2736 Regent Street.*

1909, Feb. | LEIB, DAVID DEITCH, M.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Yale University, New Haven, Conn.

1903, Aug. | LENNES, NELS JOHANN, M.Sc., Ph.D. (Chicago); Instructor in Mathematics, Columbia University, New York, N. Y.

1905, Apr. | LEONARD, HEMAN BURR, B.Sc., Ph.D. (Colorado). University of Oregon, Eugene, Ore.

1904, Oct. | LESTER, OLIVER CLARENCE, M.A., Ph.D. (Yale); Associate Member of the American Physical Society; Professor of Physics, University of Colorado, Boulder, Colo. *1121 Eleventh Street.*

1892, Feb. | LEUSCHNER, ARMIN OTTO, B.A., Ph.D. (Berlin), Sc.D. (Honorary); Member of the Astronomische Gesellschaft; F.R.A.S.; Professor of Astronomy and Director of the Students' Observatory, University of California, Berkeley, Cal. *1816 Scenic Avenue.*

1904, Sept. | LEVI-CIVITA, TULLIO, Math.D. (Padua); Member of the Reale Accademia dei Lincei and of the Italian Society of Sciences (the XL); Foreign Member of the Kaiserliche Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher; Corresponding Member of the Académie Impériale des Sciences de Saint-Pétersbourg; Corresponding Member of the Reale Istituto Veneto, of the Reale Accademia delle Scienze di Torino, and of the Mathematical Society of Kharkow; Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung;

Date of
Admission.

Member of the Circolo Matematico di Palermo; Professor of Theoretical Mechanics, University of Padua, Padua, Italy. *Via Altinate, 14.*

1908, Sept. LINEHAN, PAUL HENRY, B.A.; Tutor in Mathematics, College of the City of New York, New York, N. Y. *607 West 138th Street.*

1894, June LING, GEORGE HERBERT, Ph.D. (Columbia) ; Professor of Mathematics, University of Saskatchewan, Saskatoon, Canada.

1907, Apr. LIPKE, JOSEPH, B.Sc., M.A.; Member of the Circolo Matematico di Palermo; Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass.

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. *1102 Lincoln Place,* Brooklyn, N. Y.

1906, Apr. LONGLEY, WILLIAM RAYMOND, M.Sc., Ph.D. (Chicago) ; Assistant Professor of Mathematics, Yale University, New Haven, Conn. *121 Brownell Street.*

1901, Feb. LOVE, AUGUSTUS EDWARD HOUGH, M.A., D.Sc. (Oxford) ; F.R.S.; Honorary Secretary of the London Mathematical Society; Sedleian Professor of Natural Philosophy, Oxford University, Oxford, England. *34 St. Margaret's Road.*

1891, Apr. LOVE, JAMES LEE, M.A.; Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. *16 Francis Avenue.*

1894, Oct. *LOVETT, EDGAR ODELL, M.A., Ph.D. (Virginia, Leipzig) ; Member of the Deutsche Mathematiker-Vereinigung; Member of the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Member of the American Philosophical Society; President of the William M. Rice Institute, Houston, Texas.

1905, Feb. LOWBER, JAMES WILLIAM, M.A., Ph.D., D.Sc., LL.D.; Member of the Circolo Matematico di Palermo; Member of the Société Astronomique de France; F.R.A.S. *113 East 18th Street,* Austin, Texas.

1906, Feb. LUBY, WILLIAM A., B.A.; Instructor in Mathematics, Central High School, Kansas City, Mo.

1896, Nov. *LUDLOW, HENRY HUNT, Graduate of the U. S. Military Academy; Colonel, U. S. Coast Artillery. Fort Carwell, N. C.

Date of
Admission.

1903, Feb. | LUNN, ARTHUR C., M.A., Ph.D. (Chicago); Member of the Circolo Matematico di Palermo; Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Applied 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.*

1904, Sept. | LYMER, JOHN CHARLES, M.A.; Professor of Mathematics, Lawrence College, Appleton, Wis. *485 John Street.*

1904, Dec. | LYTLE, ERNEST BARNES, B.Sc., M.A., Ph.D. (Yale); Associate in Mathematics, University of Illinois, Urbana, Ill. *708 South Goodwin Avenue.*

1905, Apr. | McCLENON, RAYMOND BENEDICT, B.A., Ph.D. (Yale); Associate Professor of Mathematics, Iowa College, Grinnell, Ia. *1133 Main Street.*

1889, Dec. | *McCLINTOCK, EMORY, M.A., Ph.D., LL.D.; EX-PRESIDENT; Fellow of the Institute of Actuaries; Fellow of the Actuarial Society of America; Member of the London Mathematical Society; Vice-President and Actuary of the Mutual Life Insurance Company of New York. *32 Nassau Street,* New York, N. Y.

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

1902, Apr. | McDONALD, JOHN HECTOR, B.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of California, Berkeley, Cal. *2337 Telegraph Avenue.*

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

1910, Sept. | McEWEN, GEORGE FRANCIS, B.A.; Member of the American Physical Society; Instructor in Applied Mathematics, Stanford University, Palo Alto, Cal. *660 Homer Avenue.*

1909, Oct. | McKELVEY, JOSEPH VANCE, M.A., Ph.D. (Cornell); Instructor in Mathematics, Cornell University, Ithaca, N. Y. *Forest Home.*

1895, Nov. | McKINNEY, THOMAS EMERY, M.A., Ph.D. (Chicago); Professor of Mathematics and Astronomy, University of South Dakota, Vermillion, S. D.

1891, Apr. | McMAHON, JAMES, M.A.; Member of the London Mathematical Society; 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 University, Lake Forest, Ill.

1898, Dec. | *MACAULAY, FRANCIS SOWERBY, M.A., D.Sc. (London); Member of the London Mathematical Society; Associate Editor of the *Mathematical Gazette;* Mathematical Master, St. Paul's School, West Kensington, London, W., England.

1891, May | MACFARLANE, ALEXANDER, M.A., D.Sc. (Edinburgh), LL.D.; President of the Association for Promoting Quaternions and Allied Mathematics; Fellow of the Royal Society of Edinburgh; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo. *317 Victoria Avenue,* Chatham, Ontario, Canada.

1909, Oct. | MACGREGOR, HAZEL HOPE, B.Sc., M.A.; Fellow in Mathematics, University of Kansas, Lawrence, Kan. *1134 Louisiana Street.*

1905, Feb. | MACLAGAN-WEDDERBURN, JOSEPH H., M.A., D.Sc.; Fellow of the Royal Society of Edinburgh; Member of the Edinburgh Mathematical Society; Assistant Professor of Mathematics, Princeton University, Princeton, N. J. *95 Mercer Street.*

1908, Apr. | MACLAURIN, RICHARD COCKBURN, M.A., Sc.D., LL.D. (Cambridge); Member of the London Mathematical Society; Member of the American Philosophical Society; President of the Massachusetts Institute of Technology, Boston, Mass.

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

1906, Apr. | MacMILLAN, WILIAM DUNCAN, M.A., Ph.D. (Chicago); Instructor in Astronomy, University of Chicago, Chicago, Ill. *5407 Woodlawn Avenue.*

1907, Dec. | MACNEILL, MURRAY, M.A.; Member of the Institute of Actuaries; Professor of Mathematics, Dalhousie University, Halifax, Nova Scotia, Canada.

1908, Sept. | MACNEISH, HARRIS FRANKLIN, M.Sc., Ph.D. (Chicago); Instructor in Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *40 Lake Place.*

1897, Jan. | MADDISON, ISABEL, B.Sc., Ph.D. (Bryn Mawr); Member of the London Mathematical Society; Recording Dean and Assistant to the President, Bryn Mawr College, Bryn Mawr, Pa.

Date of
Admission.

1907, Sept. | MAHONEY, JAMES OWEN, B.E., M.Sc.; Teacher of Mathematics, High School, Dallas, Texas. *260 Crockett Street.*

1897, Aug. | MALTBIE, WILLIAM HENRY, M.A., Ph.D. (Johns Hopkins); Attorney at Law, *626 Equitable Building,* Baltimore, Md.

1900, June | MANCHESTER, JAMES EUGENE, B.Sc., D.Sc. (Tübingen); Instructor in Mathematics, University of Minnesota, Minneapolis, Minn.

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

1891, Nov. | MANNING, HENRY PARKER, B.A., Ph.D. (Johns Hopkins); Member of the Circolo Matematico di Palermo; Associate Professor of Pure Mathematics, Brown University, Providence, R. I.

1903, Oct. | MANNING, WILLIAM ALBERT, M.A., Ph.D. (Stanford); Member of the Circolo Matematico di Palermo; Assistant Professor of Applied Mathematics, Stanford University, Cal. *1002½ West California Avenue, Urbana, Ill.*

1891, June | MARKLEY, JOSEPH LYBRAND, M.A., Ph.D. (Harvard); Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *Geddes and Oxford Road.*

1909, Feb. | MARSHALL, WILLIAM, M.Sc., Ph.D. (Zurich); Associate Professor of Mathematics, Purdue University, Lafayette, Ind. *514 South Tenth Street.*

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 Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Edinburgh Mathematical Society; Coast and Geodetic Survey, Washington, D. C. *918 N Street, N. W.*

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

1903, Dec. | MARTIN, LOUIS ADOLPHE, JR., M.E., M.A.; Professor of Mechanics, Stevens Institute, Hoboken, N. J. *911 Castle Point Terrace.*

1908, Oct. | MARTIN, THOMAS ADAMS, B.Sc., M.A.; Assistant Professor of Mathematics and Physics, Mount Union College, Alliance, Ohio.

Date of
Admission.

1903,	Oct.	*MASON, MAX, B.L., Ph.D., (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Associate Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematical Physics, University of Wisconsin, Madison, Wis.
1910,	Apr.	MATHEWS, ROBERT MAURICE, B.A.; Instructor in Mathematics, University High School, University of Chicago, Chicago, Ill. *56 Hitchcock Hall.*
1905,	Dec.	MAXSON, ARTHUR RAY, M.A.; Instructor in Mathematics, Columbia University, New York, N. Y.
1909,	Apr.	MELCHER, GEORGE, B.A.; Head of the Department of Mathematics, State Normal School, Springfield, Mo. *1107 Bardell Avenue.*
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; Member of the Astronomische Gesellschaft; F.R.A.S.; Captain of Engineer Corps. *Sociedad "Alzate," Palma No. 13,* Mexico, D. F., Mexico.
1903,	Oct.	*MERRILL, HELEN ABBOT, B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Associate Professor of Mathematics, Wellesley College, Wellesley, Mass.
1891,	Apr.	MERRIMAN, MANSFIELD, Ph.D., Sc.D.; Member of the American Philosophical Society; Consulting Engineer. Engineers' Club, *32 West 40th Street,* New York, N. Y.
1889,	June	MESSENGER, HIRAM JOHN, Lit.B., Ph.D.; Fellow of the Actuarial Society of America; Actuary of the Travelers Insurance Company, Hartford, Conn.
1907,	Sept.	MESSICK, JOHN FREDERICK, B.A., Ph.D. (Johns Hopkins); Adjunct Professor of Mathematics, University of Georgia, Athens, Ga.
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 Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the *Mathematics Teacher;* Associate Editor of the *Journal of Pedagogy;* Francis H. Root Professor of Mathematics, Syracuse University, Syracuse, N. Y. *760 Comstock Avenue.*

Date of
Admission.

| 1910, | Feb. | MIKESH, JAMES STEPHEN, B.A.; Instructor in Mathematics, University of Minnesota, Minneapolis, Minn. |

1908, Apr. MILES, EGBERT J., M.A., Ph.D. (Chicago); Instructor in Mathematics, Cornell University, Ithaca, N. Y. *804 East Seneca Street.*

1903, Oct. MILLER, ERNEST ALLEN, B.Sc., M.A.; *113 North Tioga Street*, Ithaca, N. Y.

1910, Apr. MILLER, FRANK ELLSWORTH, M.A., Ph.D.; Professor of Mathematics, Otterbein University, Westerville, Ohio.

1898, Apr. *MILLER, GEORGE A., Ph.D.; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Editor of the *American Mathematical Monthly;* Professor of Mathematics, University of Illinois, Urbana, Ill. *1103 West Illinois Street.*

1899, Oct. MILLER, JOHN ANTHONY, M.A., Ph.D. (Chicago); Member of the Astronomical and Astrophysical Society of America; Professor of Mathematics and Astronomy, Swarthmore College, Swarthmore, Pa.

1906, Feb. MILNE, WILLIAM J., M.A., Ph.D., LL.D.; President of the New York State Normal College, Albany, N. Y. *5 Elk Street.*

1900, Dec. MITCHELL, HENRY BEDINGER, E.E., M.A.; Professor of Mathematics, Columbia University, New York, N. Y. *The Benedick, 80 Washington Square East.*

1909, Oct. MITCHELL, HOWARD HAWKS, B.Ph., Ph.D. (Princeton); Instructor in Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *124 Wall Street.*

1909, Oct. MITCHELL, ULYSSES GRANT, M.A., Ph.D. (Princeton); Assistant Professor of Mathematics, University of Kansas, Lawrence, Kan. *1240 Rhode Island Street.*

1910, Oct. MONTGOMERY, WILLIAM JOHN, M.A.; Assistant in Mathematics, University of Michigan, Ann Arbor, Mich.

1891, May MOODY, WILLIAM ALBION, M.A.; Professor of Mathematics, Bowdoin College, Brunswick, Me. *60 Federal Street.*

1903, Feb. MOORE, CLARENCE LEMUEL ELISHA, B.Sc., M.A., Ph.D. (Cornell); Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.

1907, Dec. MOORE, CHARLES NAPOLEON, B.A., M.Sc., Ph.D. (Harvard); Member of the Deutsche Mathematiker-Verein-

igung; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. *1123 East Third Street.*

1891, May ✷MOORE, ELIAKIM HASTINGS, B.A., Ph.D. (Yale; Göttingen, honorary), LL.D. (Wisconsin), Sc.D. (Yale), Math.D. (Clark); EX-PRESIDENT; Member of the National Academy of Sciences; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the *Rendiconti del Circolo Matematico di Palermo;* Professor and Head of the Department of Mathematics, University of Chicago, Chicago, Ill. *5607 Monroe Avenue.*

1906, Oct. MOORE, ROBERT LEE, B.Sc., M.A., Ph.D. (Chicago); Instructor in Mathematics, Northwestern University, Evanston, Ill.

1905, Apr. MOREHEAD, JAMES CADDALL, M.A., M.Sc., Ph.D. (Yale); Assistant Professor of Mathematics, Northwestern University, Evanston, Ill. *1939 Sherman Avenue.*

1902, Apr. MORENO, HALCOTT C., M.A., Ph.D. (Clark); Associate Professor of Applied Mathematics, Stanford University, Cal.

1904, Dec. MORITZ, ROBERT EDOUARD, B.Sc., Ph.D. (Nebraska), Ph.N.D. (Strassburg); Professor and Head of the Department of Mathematics, University of Washington, Seattle, Wash.

1891, May MORLEY, FRANK, M.A., Sc.D. (Cambridge); Member of the London Mathematical Society; Member of the Circolo Matematico di Palermo; Member of the American Philosophical Society; Editor of the *American Journal of Mathematics;* Professor of Mathematics, Johns Hopkins University, Baltimore, Md.

1910, Oct. MORRIS, CHARLES CLEMENTS, M.A.; Assistant Professor of Mathematics, Ohio State University, Columbus, Ohio.

1906, Feb. MORRIS, RICHARD, M.Sc., Ph.D. (Cornell); Professor of Mathematics and Graphics, Rutgers College, New Brunswick, N. J. *94 Easton Avenue.*

1904, Apr. MORRISON, FRANK MARION, B.A.; Assistant Professor of Mathematics, University of Washington, Seattle, Wash. *4719 Fifteenth Avenue, N. E.*

1906, Sept. MORROW, EMERSON BOYD, M.A.; Instructor in Mathematics, The Country School for Boys, Baltimore, Md.

Date of
Admission.

1900,	Feb.	MOULTON, FOREST RAY, B.A., Ph.D. (Chicago); Member of the National Academy of Sciences; Member of the Circolo Matematico di Palermo; Member of the Astronomical and Astrophysical Society of America; F.R.A.S.; Associate Editor of the *Transactions of the American Mathematical Society;* Associate Professor of Astronomy, University of Chicago, Chicago, Ill.
1900,	Dec.	*MUKHOPÂDHYÁY, ASUTOSH, M.A., LL.D.; Member of the Société Mathématique de France; Member of the Edinburgh Mathematical Society; Member of the Circolo Matematico di Palermo; F.R.A.S.; Examiner in Mathematics and Member of the Syndicate, University of Calcutta; Professor of Mathematics at the Indian Association for the Cultivation of Science. 77 *Russa Road North*, Bhowanipore, Calcutta, India.
1898,	Oct.	MULLEN, LORING BLANCHARD, Ph.D.; Instructor in Mathematics, Girls' High School, Brooklyn, N. Y.
1890,	Dec.	MURRAY, DANIEL ALEXANDER, B.A., Ph.D. (Johns Hopkins); Professor of Applied Mathematics, McGill University, Montreal, Canada.
1904,	Apr.	MYERS, GEORGE WILLIAM, M.L., Ph.D. (Munich); Member of the Société Mathématique de France; Member of the Astronomische Gesellschaft; Member of the Astronomical and Astrophysical Society of America; Professor of the Teaching of Mathematics and Astronomy, University of Chicago, Chicago, Ill. *1953 East 72d Street (Bryn Mawr).*
1903,	Aug.	NEIKIRK, LEWIS IRVING, M.Sc., Ph.D. (Pennsylvania); Instructor in Mathematics, University of Illinois, Urbana, Ill. *907 West Nevada Street.*
1891,	June	NELSON, ALFRED BRIERLEY, M.A., M.D.; Emeritus Professor of Mathematics, Central University, Danville, Ky. *443 West Lexington Avenue.*
1910,	Oct.	NEWCOMER, HARRY SIDNEY, B.A.; University of Wisconsin, Madison, Wis. *1610 Madison Street.*
1904,	Dec.	NEWKIRK, BURT LEROY, M.A., Ph.D. (Munich); Member of the Astronomische Gesellschaft; Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics and Mechanics, College of Engineering, University of Minnesota, Minneapolis, Minn.
1897,	Jan.	NEWSON, MARY WINSTON, B.A., Ph.D. (Göttingen). *1702 Massachusetts Street*, Lawrence, Kan.

Date of
Admission.

1899,	Aug.	NICHOLS, THOMAS FLINT, B.A., Ph.D. (Clark); Assistant Engineer, State Engineer's Office. Clinton, N. Y.
1900,	Dec.	NICHOLS, WALTER SMITH, M.A.; Fellow of the Actuarial Society; Editor of the *Insurance Monitor*, the *Insurance Law Journal*, and the *Personal Injury Law Journal;* Consulting Actuary. *100 William Street,* New York, N. Y.
1899,	Dec.	NOBLE, CHARLES ALBERT, B.Sc., Ph.D. (Göttingen); Assistant Professor of Mathematics, University of California, Berkeley, Cal. *2224 Piedmont Way.*
1906,	Sept.	OBEAR, GEORGE BARROWS, M.Sc.; Member of the Circolo Matematico di Palermo. Brown University, Providence, R. I.
1891,	Dec.	OLDS, GEORGE DANIEL, M.A., LL.D.; Professor of Mathematics, Amherst College, Amherst, Mass.
1905,	Oct.	OLSON, HENRY NATHANIEL, B.A.; Instructor in Mathematics, Bethany College, Lindsborg, Kan. *P. O. Box 288.*
1891,	Apr.	OSBORNE, GEORGE ABBOTT, B.Sc.; Walker Professor of Mathematics Emeritus, Massachusetts Institute of Technology, Boston, Mass.
1895,	Feb.	OSGOOD, WILLIAM FOGG, M.A., Ph.D. (Erlangen), LL.D. (Clark); EX-PRESIDENT; Member of the National Academy of Sciences; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Mathematical Society of Kharkov; Member of the Calcutta Mathematical Society; Editor of the *Rendiconti del Circolo Matematico di Palermo;* Professor of Mathematics, Harvard University, Cambridge, Mass. *74 Avon Hill Street.*
1906,	Apr.	OWENS, FREDERICK W., M.Sc., Ph.D. (Chicago); Instructor in Mathematics, Cornell University, Ithaca, N. Y. *37 West Avenue, Cornell Heights.*
1900,	Dec.	PAGE, JAMES MORRIS, M.A., Ph.D. (Leipzig); Professor of Mathematics and Dean of the University of Virginia, Charlottesville, Va.
1910,	Feb.	PAINE, GEORGE PORTER, M.A.; Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn.
1907,	Feb.	PALMER, THOMAS WAVERLY, M.A., LL.D.; President of the Alabama Girls' Industrial School, Montevallo, Ala.

1897, May | PALMIÉ, ANNA HELENE, B.Ph.; Professor of Mathematics, College for Women, Western Reserve University, Cleveland, O. *422 Mayfield Road.*

1894, Mar. | *PARTRIDGE, EDWARD ANSON, B.Sc., M.A., Ph.D.; Head of the Department of Science and Professor of Physics, Central Manual Training School, Philadelphia, Pa. *17th and Wood Streets.*

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

1907, Feb. | PATTILLO, NATHAN ALLEN, M.A., Ph.D. (Johns Hopkins); Professor of Mathematics, Randolph-Macon Woman's College, Lynchburg, Va.

1906, Sept. | PEDERSEN, FREDERICK MALLING, E.E., D.Sc.; Assistant Professor of Mathematics, College of the City of New York, New York, N. Y. *452 West 144th Street.*

1908, Oct. | PEED, MANSFIELD THEODORE, M.A.; Professor of Pure Mathematics and Astronomy, Emory College, Oxford, Ga.

1891, May | PEIRCE, BENJAMIN OSGOOD, Ph.D. (Leipzig); Member of the National Academy of Sciences; Member of the Circolo Matematico di Palermo; Member of the Astronomical and Astrophysical Society of America; Member of the American Philosophical Society; Hollis Professor of Mathematics and Natural Philosophy, Harvard University, Cambridge, Mass. *The Jefferson Physical Laboratory.*

1898, Oct. | PELL, ALEXANDER, Ph.D. (Johns Hopkins); Associate Professor of Mathematics, Armour Institute, Chicago, Ill.

1906, Feb. | PELL, ANNA (Mrs. ALEXANDER), Ph.D. (Chicago). Chicago, Ill.

1908, Feb. | PEMBERTON, WALKER S., B.Sc.; Professor of Mathematics, Wheaton College, Wheaton, Ill. *814 College Avenue.*

1906, Feb. | PESTA, ROSE ALICE, M.L.; Principal of the McAllister School, Chicago, Ill. *225 East 50th Street.*

1893, Oct. | PETTEGREW, DAVID LYMAN, Member of the Circolo Matematico di Palermo. *P. O. Box 75*, Worcester, Mass.

1896, Nov. | PHILLIPS, ANDREW WHEELER, M.A., Ph.D. (Yale.; Professor of Mathematics and Dean of the Graduate School, Yale University, New Haven, Conn. *137 Wall Street.*

Date of
Admission.

1906, Feb. | PHILLIPS, HENRY BAYARD, B.Sc., Ph.D. (Johns Hopkins); Instructor in Mathematics, Massachusetts Institute of Technology, Boston, Mass.

1903, Aug. | PIERCE, ARCHIE BURTON, B.Sc., M.A., Ph.D. (Zurich); Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. *1339 Washtenaw Avenue.*

1894, Oct. | PIERPONT, JAMES, Ph.D. (Vienna), LL.D. (Clark); Member of the Société Mathématique de France; Member of the London Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Yale University, New Haven, Conn. *42 Mansfield Street.*

1910, Oct. | PITCHER, ARTHUR DUNN, M.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Kansas, Lawrence, Kan.

1905, Feb. | PLIMPTON, GEORGE ARTHUR, B.A.; Trustee of Amherst College; Treasurer of Barnard College. Ginn and Company, *70 Fifth Avenue,* New York, N. Y.

1905, Feb. | PONZER, ERNEST WILLIAM, M.Sc.; Assistant Professor of Applied Mathematics, Stanford University, Cal.

1890, Dec. | POOR, CHARLES LANE, Ph.D. (Johns Hopkins); Member of the Astronomische Gesellschaft; F.R.A.S.; Professor of Celestial Mechanics, Columbia University, New York, N. Y. *4 East 48th Street.*

1905, Sept. | POOR, JOHN MERRELL, B.A., Ph.D. (Princeton); Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Astronomy, Dartmouth College, Hanover, N. H.

1897, Feb. | PORTER, MILTON BROCKETT, B.Sc., M.A., Ph.D. (Harvard); Professor of Mathematics, University of Texas, Austin, Texas.

1907, Feb. | POSEY, FRANCIS DUNNINGTON, B.A. University of Georgia, Athens, Ga.

1907, Sept. | POWELL, H. WHEELER, B.Sc.; Tutor in Mathematics, College of the City of New York. *St. Nicholas Terrace,* New York, N. Y.

1892, May | PRENTISS, ROBERT WOODWORTH, M.Sc.; Professor of Mathematics and Astronomy, Rutgers College, New Brunswick, N. J. *Benner Street, Highland Park.*

1907, Oct. | PROCTOR, CHARLES A., B.A.; Assistant Professor of Mathematics, Dartmouth College, Hanover, N. H.

1889, Dec. | *PUPIN, MICHAEL IDVORSKY, B.A., Ph.D. (Berlin), Sc.D. (Columbia, honorary); Professor of Electro-Mechanics, Columbia University, New York, N. Y.

1902, Apr. | PUTNAM, THOMAS MILTON, M.Sc., Ph.D. (Chicago); Assistant Professor of Mathematics, University of California, Berkeley, Cal.

1910, Feb. | PUTNAM, WILLIAM LOWELL, B.A., LL.B.; Chairman of the Committee appointed by the Overseers of Harvard University to visit the Department of Mathematics. *60 State Street,* Boston, Mass.

1903, Dec. | RAGSDALE, VIRGINIA, B.A., Ph.D. (Bryn Mawr). Jamestown, N. C.

1904, Oct. | RANUM, ARTHUR, Ph.D. (Chicago); Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Bulletin of the American Mathematical Society;* Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. *91 Wait Avenue.*

1903, Dec. | RASOR, S. EUGENE, M.A., M.Sc.; Associate Professor of Mathematics, Ohio State University, Columbus, Ohio.

1891, Dec. | RAYSON, AMY, M.A.; Joint Principal of School for Girls, New York, N. Y. *168 West 75th Street.*

1908, Feb. | REAVES, SAMUEL WATSON, B.Sc., B.A.; Professor of Mathematics, University of Oklahoma, Norman, Okla. *407 Boyd Street.*

1905, Feb. | *REDDICK, HARRY WILFRED, M.A., Ph.D. (Columbia); Instructor in Mathematics, Columbia University, New York, N. Y. *Livingston Hall.*

1907, Apr. | REGIS, BROTHER FRANCIS, M.A.; Professor of Mathematics, Christian Brothers' College, St. Louis, Mo.

1900, Apr. | REID, LEGH WILBER, B.A., M.Sc., Ph.D. (Göttingen); Professor of Mathematics, Haverford College, Haverford, Pa.

1903, Feb. | REYNOLDS, FREDERICK GREGORY, LL.B., Sc.D.; Assistant Professor of Mathematics, College of the City of New York, New York, N. Y. *St. Nicholas Terrace.*

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

1905, Apr. | RICHARDSON, R. G. D., B.A., Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Assistant Pro-

		fessor of Mathematics, Brown University, **Providence,** R. I.
1905,	Apr.	RICHARDSON, SOPHIA FOSTER, B.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.
1899,	Aug.	*RICHMOND, HERBERT WILLIAM, M.A.; Fellow of the Cambridge Philosophical Society; Member of the London Mathematical Society; Fellow and Lecturer of King's College, and University Lecturer, Cambridge University, Cambridge, England.
1902,	Oct.	RIETZ, HENRY LEWIS, B.Sc., Ph.D. (Cornell); **Member** of the Circolo Matematico di Palermo; **Assistant** Professor of Mathematics and Statistician of the Agricultural Experiment Station, University of Illinois, Urbana, Ill. *907 West California Avenue.*
1903,	Apr.	RIGGS, NORMAN C., M.Sc.; Assistant Professor of Applied Mechanics, Carnegie Technical Schools, Pittsburg, Pa.
1906,	Apr.	RISLEY, WALTER JOHN, B.Sc., M.A.; Professor **of Mathematics,** James Milliken University, Decatur, Ill. *1340 West Macon Street.*
1907,	Dec.	ROBERTS, MARIA M., B.L.; Associate Professor **of Mathematics,** Iowa State College, Ames, Ia.
1910,	Sept.	ROBINSON, JOSEPHINE ALBERTA, B.A.; Professor of Mathematics, Berea College, Berea, Ky.
1891,	May	ROCKWOOD, CHARLES GREENE, JR., M.A., Ph.D. (Yale); Emeritus Professor of Mathematics, Princeton University, Princeton, N. J. *34 Bayard Lane.*
1896,	Apr.	ROE, EDWARD DRAKE, JR., M.A., Ph.D. (Erlangen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Astronomical and Astrophysical Society of America; John Raymond French Professor of Mathematics, Syracuse University, Syracuse, N. Y. *105 West Ostrander Avenue.*
1902,	Apr.	ROEVER, WILLIAM HENRY, B.Sc., Ph.D. (Harvard); Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, Washington University, St. Louis, Mo.
1908,	Oct.	ROOSEVELT, GEORGE EMLEN, B.A. *33 Wall Street,* New York, N. Y.
1897,	Feb.	ROTHROCK, DAVID ANDREW, M.A., Ph.D. (Leipzig); Member of the Deutsche Mathematiker-Vereinigung; Member of the Société Mathématique de France;

Date of
Admission.

Member of the Circolo Matematico di Palermo; Professor of Mathematics, Indiana University, Bloomington, Ind. *1000 Atwater Avenue.*

1910, Apr. ROWE, JOSEPH EUGENE, M.A., Ph.D. (Johns Hopkins); Instructor in Mathematics, Goucher College, Baltimore, Md.

1904, Feb. RUNNING, THEODORE RUDOLPH, M.Sc., Ph.D. (Wisconsin); Assistant Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *1019 Michigan Avenue.*

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

1906, Oct. RUSSELL, WILLIAM POLK, M.A.; Assistant Professor of Mathematics, Pomona College, Claremont, Calif.

1910, Oct. RUTLEDGE, GEORGE, B.A.; Adjunct Professor of Mathematics, Georgia School of Technology, Atlanta, Ga.

1907, Oct. RYSGAARD, JENS MADSEN, B.A.; Instructor in Mathematics, University of North Dakota, University, N. D.

1898, Aug. SAFFORD, FREDERICK HOLLISTER, M.A., Ph.D. (Harvard); Assistant Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa. *College Hall.*

1897, Dec. SAUREL, PAUL LOUIS, D.Sc. (Bordeaux); Associate Professor of Mathematics, College of the City of New York, New York, N. Y. *St. Nicholas Terrace.*

1908, Oct. SAXTON, LYNN MATEER, M.Sc., Pd.D.; Instructor in Mathematics, College of the City of New York, New York, N. Y. *St. Nicholas Terrace.*

1891, Nov. SAYRE, HERBERT ARMISTEAD, B.E., Ph.D. (Johns Hopkins); Professor of Mathematics, University of Alabama; University, Ala.

1906, Oct. SCARBOROUGH, JAMES HARRIS, M.Sc., M.A., Ph.D.; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Missouri State Normal School, Warrensburg, Mo.

1892, Feb. *SCHMIEDEL, OSCAR, B.Sc., M.A.; Professor of Mathematics, Bellevue College, Bellevue, Neb.

1900, Oct. SCHOTTENFELS, IDA MAY, M.A. *423 East 48th Place,* Chicago, Ill.

1892, Apr. SCHULTZE, ARTHUR, Ph.D.; Assistant Professor of Mathematics, New York University; Head of the Mathematical Department, High School of Commerce, New York, N. Y.

Date of
Admission.

1893,	Oct.	SCHWATT, ISAAC JOACHIM, Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Pennsylvania, Philadelphia, Pa.
1906,	Feb.	SCHWEITZER, ARTHUR RICHARD, B.Ph., M.Sc. *452 Oakdale Avenue*, Chicago, Ill.
1891,	May	SCOTT, CHARLOTTE ANGAS, D.Sc. (London); Member of the London Mathematical Society; Member of the Edinburgh Mathematical Society; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Honorary Member of the Amsterdam Mathematical Society; Co-editor of the *American Journal of Mathematics;* Professor of Mathematics, Bryn Mawr College, Bryn Mawr, Pa.
1902,	Oct.	SCOTT, GEORGE HARVEY, M.A.; Professor of Mathematics and Astronomy, Yankton College, Yankton, So. Dak.
1889,	June	SEARLE, REV. GEORGE MARY, M.A., Ph.D.; Catholic University, Washington, D. C.
1895,	Aug.	SEE, THOMAS JEFFERSON JACKSON, M.A., M.Sc., Ph.D. (Berlin); Member of the Astronomische Gesellschaft; Member of the Société Astronomique de France; F.R.A.S.; Member of the London Mathematical Society; Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the Calcutta Mathematical Society; Member of the American Physical Society; Member of the American Philosophical Society; Professor of Mathematics, U. S. Navy, Mare Island, Cal. *Naval Observatory.*
1902,	Feb.	SÉGUIER, JEAN ARMAND MARIE JOSEPH DE, D.Sc.; Member of the Société Mathématique de France; Member of the London Mathematical Society; Member of the Circolo Matematico di Palermo. *56 Rue des Saints Pères*, Paris, France.
1899,	Aug.	SELLEW, GEORGE TUCKER, M.A., Ph.D.; Professor of Mathematics, Knox College, Galesburg, Ill.
1905,	Apr.	SHARPE, FRANCIS ROBERT, B.A., Ph.D. (Cornell); Assistant Professor of Mathematics, Cornell University, Ithaca, N. Y. *213 Mitchell Street.*
1891,	Apr.	SHATTUCK, SAMUEL WALKER, B.Sc., M.A., C.E.; Professor of Mathematics, University of Illinois, Champaign, Ill.

1894,	Mar.	SHAW, JAMES BYRNIE, M.Sc., D.Sc.; Member of the Société Mathématique de France; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, University of Illinois, Urbana, Ill.
1907,	Dec.	SHELDON, ERNEST WILSON, M.A., Ph.D. (Yale); Assistant Professor of Mathematics, University of Alberta, Strathcona, Alberta, Canada. *P. O. Box, 585.*
1906,	Dec.	SHEPARD, ELMER I., M.A.; Instructor in Mathematics, Williams College, Williamstown, Mass.
1906,	Sept.	SHORT, ROBERT L., B.A.; Mathematical Department, Technical High School, Cleveland, Ohio.
1909,	Oct.	SHUMWAY, ROYAL R., B.A.; Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn. *716 Twelfth Avenue, S. E.*
1906,	Oct.	SICELOFF, LEWIS PARKER, B.A.; Instructor in Mathematics, Columbia University, New York, N. Y.
1908,	Feb.	SILVERMAN, LOUIS LAZARUS, M.A., Ph.D. (Missouri); Instructor in Mathematics, Cornell University, Ithaca, N. Y.
1906,	Feb.	SIMPSON, CHARLES GAMBLE, B.Ph., M.A.; Instructor in Mathematics, State University of Iowa, Iowa City, Ia. *600 West 133d Street, New York, N. Y.*
1905,	Feb.	SINCLAIR, MARY EMILY, M.A., Ph.D. (Chicago); Associate Professor of Mathematics, Oberlin College, Oberlin, Ohio.
1904,	Oct.	*SISAM, CHARLES HERSCHEL, Ph.D. (Cornell); Assistant Professor of Mathematics, University of Illinois, Urbana, Ill. *609 South Busey Avenue.*
1899,	Aug.	SKINNER, ERNEST BROWN, B.A., Ph.D. (Chicago); Associate Professor of Mathematics, University of Wisconsin, Madison, Wis. *210 Lathrop Street.*
1899,	Oct.	SLAUGHT, HERBERT ELLSWORTH, M.A., Ph.D. (Chicago); Member of the Circolo Matematico di Palermo; Editor of the *American Mathematical Monthly;* Associate Professor of Mathematics, University of Chicago, Chicago, Ill. *58th Street and Ellis Avenue.*
1891,	May	*SLICHTER, CHARLES S., M.Sc.; Consulting Engineer, U. S. Reclamation Service; Professor of Applied Mathematics, University of Wisconsin, Madison, Wis. *13 Carroll Block.*
1909,	Oct.	SLOBIN, HERMON LESTER, B.A., Ph.D. (Clark); Member of the Circolo Matematico di Palermo; Instructor in Mathematics, University of Minnesota, Minneapolis, Minn.

Date of
Admission.

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

1905, Feb. | SMITH, ARTHUR WHIPPLE, M.Sc., Ph.D. (Chicago); Associate Professor of Mathematics, Colgate University, Hamilton, N. Y.

1904, Sept. | *SMITH, CLARA ELIZA, B.A., Ph.D. (Yale); Instructor in Mathematics, Wellesley College, Wellesley, Mass. *90 Shafer Hall.*

1893, Oct. | *SMITH, DAVID EUGENE, M.Ph., Ph.D., LL.D.; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; 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.; Associate Editor of the *Mathematics Teacher;* Head of the Department of Mathematics, Polytechnic Preparatory School, Brooklyn, N. Y. *472 Argyle Road.*

1909, Dec. | SMITH, EVA MARIA, B.A.; Associate of Newnham College, Cambridge, England; Lecturer in Mathematics, Ladies' College, Cheltenham. *Astell House,* Cheltenham, England.

1905, Oct. | SMITH, FRANKLIN HANS, M.A.; Instructor in Mathematics, Eastern District High School, Brooklyn, N. Y. *201 West 94th Street, New York, N. Y.*

1907, Feb. | SMITH, GERTRUDE, M.A.; Instructor in Mathematics, Vassar College, Poughkeepsie, N. Y.

1909, Oct. | SMITH, IRVIN WEBSTER, M.A.; Assistant Professor of Mathematics, College of Agriculture and Mechanic Arts, University of North Dakota, Fargo, N. Dak. *1108 Tenth Street North.*

1909, Feb. | SMITH, JAMES BROOKES, M.A.; Assistant Professor of Mathematics, Hampden Sidney College, Hampden Sidney, Va.

1891, Nov. | SMITH, PERCY F., Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Associate Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematics, Sheffield Scientific School, Yale University, New Haven, Conn. *330 Willow Street.*

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

Date of
Admission.

1908, Feb. | SMITH, WILLIAM MACKEY, B.Ph.; Instructor in Mathe-
matics, Lafayette College, Easton, Pa.; Fellow in
Mathematics, Columbia University. *373 West 123d
Street, New York, N. Y.*

1904, Oct. | SNELLING, CHARLES MERCER, Graduate of the Virginia
Military Institute, M.A.; Dean of the University and
Professor of Mathematics, University of Georgia,
Athens, Ga. *P. O. Box 283.*

1889, Dec. | SNOOK, THOMAS EDWARD, M.E.; Architect and Engineer.
73 Nassau Street, New York, N. Y.

1895, Apr. | SNYDER, MONROE BENJAMIN, M.A.; Member of the As-
tronomische 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 Ob-
servatory. *2402 North Broad Street.*

1896, Nov. | SNYDER, VIRGIL, M.A., Ph.D. (Göttingen); Member of
the Deutsche Mathematiker-Vereinigung; Member of
the Circolo Matematico di Palermo; Editor of the
Bulletin of the American Mathematical Society;
Professor of Mathematics, Cornell University, Ithaca,
N. Y. *214 University Avenue.*

1909, Feb. | SPARROW, CARROLL MASON, B.A.; Member of the Amer-
ican Physical Society; Johns Hopkins University,
Baltimore, Md.

1910, Feb. | SPUNAR, VALENTIN MAX, Mech.E., E.E.; Western Elec-
tric Company, Chicago, Ill. *1137 West Chicago
Avenue.*

1888, Nov. | STABLER, EDWARD LINCOLN, M.A., Ph.D. (Columbia);
Central Leather Co. *47 John Street,* New York, N. Y.

1908, Feb. | STAGER, HENRY WALTER, M.A., Ph.D. (California); In-
structor in Mathematics, Fresno Junior College,
Fresno, Cal. *3036 Fresno Street.*

1906, Feb. | STAMPER, ALVA WALKER, B.Sc., M.A., Ph.D. (Columbia);
Head of the Department of Mathematics, State Nor-
mal School, Chico, Cal. *326 Salem Street.*

1894, Nov. | *STECKER, HENRY FREEMAN, M.Sc., Ph.D.; Member of
the London Mathematical Society; Member of the
Deutsche Mathematiker-Vereinigung; Associate Pro-
fessor of Mathematics, Pennsylvania State College,
State College, Pa. *306 Mills Street.*

1891, Jan. | STEINMETZ, CHARLES PROTEUS, Ph.D.; Consulting Engi-
neer of the General Electric Company; Professor of

Date of
Admission.

Electrical Engineering, Union University, Schenectady, N. Y. *Wendell Avenue.*

1907, Apr. | STELLWAGEN, HERBERT PHILIP, B.Sc.; Teacher of Mathematics, Yeatman High School, St. Louis, Mo. *2209 Athlone Avenue.*

1906, Oct. | STÉPHANOS, CYPARISSOS, Ph.D. (Athens), D.Sc. (Paris); Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, University of Athens, Athens, Greece. *20 Rue de Solon.*

1906, Apr. | STEPHENS, ROSWELL POWELL, B.A., Ph.D. (Johns Hopkins); Associate Professor of Mathematics, University of Georgia, Athens, Ga.

1908, Sept. | STONE, JOHN C., M.A.; Head of the Department of Mathematics, State Normal School, Montclair, N. J. *653 Valley Road.*

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, Va.

1897, Feb. | STORY, WILLIAM EDWARD, B.A., Ph.D. (Leipzig); Member of the National Academy of Sciences; Member of the London Mathematical Society; Professor of Mathematics, Clark University, Worcester, Mass.

1903, Feb. | STROMQUIST, CARL EBEN, B.Sc., Ph.D. (Yale); Professor of Mathematics, University of Wyoming, Laramie, Wy. *152 North Sixth Street.*

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

1904, Oct. | STUDY, EDUARD, Ph.D.; Member of the Deutsche Mathematiker-Vereinigung; Professor of Mathematics, University of Bonn, Bonn, Germany. *Argelanderstrasse 126.*

1903, Apr. | SWARTZEL, KARL DALE, M.Sc.; Professor of Mathematics, Ohio State University, Columbus, Ohio. *1952 Iuka Avenue.*

1904, Apr. | *SWIFT, ELIJAH, M.A., Ph.D. (Göttingen); Editor of the *Annals of Mathematics;* Preceptor in Mathematics,

Princeton University, Princeton, N. J. *80 Murray Place.*

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

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

1903, Oct. TAYLOR, EDSON HOMER, B.Sc., M.A., Ph.D. (Harvard); Teacher of Mathematics, Eastern Illinois State Normal School, Charleston, Ill.

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

1903, Feb. TAYLOR, WILLIAM ERASTUS, M.Ph.; Ph.D. (Syracuse); Professor of Applied Mathematics, College of Applied Science, Syracuse University, Syracuse, N. Y. *822 Irving Avenue.*

1891, Apr. *THOMPSON, HENRY DALLAS, M.A., D.Sc., Ph.D.; Professor of Mathematics, Princeton University, Princeton, N. J. *11 Morven Street.*

1908, Apr. THOMPSON, JOHN SPENCER, B.A.; Fellow of the Institute of Actuaries; Fellow of the Actuarial Society of America; Mutual Life Insurance Company. *32 Nassau Street,* New York, N. Y.

1897, Jan. THORNBURG, CHARLES LEWIS, B.Sc., C.E., Ph.D.; Professor of Mathematics and Astronomy, Lehigh University, South Bethlehem, Pa. *2 University Park.*

1901, Oct. TORY, HENRY M., M.A., D.Sc., LL.D.; Fellow of the Royal Society of Canada; President of the University of Alberta, Canada.

1907, Oct. TOUSSAINT, CAMILLE A., M.A.; Tutor in Mathematics, College of the City of New York, New York, N. Y. *3688 Boulevard, Jersey City, N. J.*

1906, Feb. TOUTON, FRANK CHARLES, B.Ph.; Instructor in Mathematics, Central High School, Kansas City, Mo. *3838 Harrison Boulevard.*

1902, Apr. TOWNLEY, SIDNEY DEAN, M.Sc., Sc.D. (Michigan); Editor of the *Publications of the Astronomical Society of the Pacific;* Associate Professor of Applied Mathematics, Stanford University, Cal. *Box 815.*

Admission.
Date of

1895, Nov. | TOWNSEND, EDGAR JEROME, M.A., Ph.D. (Göttingen);
Professor of Mathematics and Dean of the College of
Science, University of Illinois, Champaign, Ill. *510
John Street.*

1905, Dec. | TRAVIS, JOHN FRANCIS, M.A.; Member of the Circolo
Matematico di Palermo. *3927 Forbes Street,* Pitts-
burgh, Pa.

1906, Feb. | TRIPP, MYRON OWEN, B.Sc., B.A., Ph.D. (Columbia);
Instructor in Pure Mathematics, College of the City
of New York, New York, N. Y. *Lincoln Park,
Yonkers, N. Y.*

1894, Aug. | TYLER, HARRY WALTER, B.Sc., Ph.D. (Erlangen); Mem-
ber of the Deutsche Mathematiker-Vereinigung; Pro-
fessor of Mathematics, Massachusetts Institute of
Technology, Boston, Mass.

1907, Feb. | UNDERHILL, ANTHONY LISPENARD, B.Sc., Ph.D. (Chi-
cago); Assistant Professor of Mathematics, University
of Minnesota, Minneapolis, Minn. *615 Sixth Street,
S. E.*

1903, Aug. | UPTON, CLIFFORD BREWSTER, M.A.; Assistant Professor
of Mathematics, Teachers College, Columbia Univer-
sity, New York, N. Y.

1888, Nov. | VAN AMRINGE, J. HOWARD, M.A., Ph.D., L.H.D., LL.D.;
Ex-PRESIDENT; Emeritus Professor of Mathematics,
Columbia University, New York, N. Y. *48 East 26th
Street.*

1903, Oct. | VAN BENSCHOTEN, ANNA LAVINIA, M.Sc.; Ph.D. (Cor-
nell); Professor of Mathematics, Wells College,
Aurora, N. Y.

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

1903, Feb. | VAN ORSTRAND, CHARLES EDWIN, M.Sc.; U. S. Geolog-
ical Survey. *Geophysical Laboratory, Carnegie Insti-
tution,* Washington, D. C.

1893, Apr. | VAN VLECK, EDWARD BURR, M.A., Ph.D. (Göttingen),
LL.D. (Clark); Member of the Société Mathématique
de France; Member of the Deutsche Mathematiker-
Vereinigung; Professor of Mathematics, University of
Wisconsin, Madison, Wis.

Date of
Admission.

1891,   Apr. | VAN VLECK, JOHN MONROE, M.A., LL.D.; Member of the Astronomische Gesellschaft; Member of the Astronomical and Astrophysical Society of America; Emeritus 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); Member of the Circolo Matematico di Palermo; Professor of Mathematics, Princeton University, Princeton, N. J.

1900,   Dec. | VIVIAN, ROXANA HAYWARD, B.A., Ph.D. (Pennsylvania); Associate Professor of Mathematics, Wellesley College, Wellesley, Mass.

1905,   Dec. | VOLTERRA, VITO, Phys.D. (Pisa), Math.D. (Christiania), Sc.D. (Cambridge), Ph.D. (Stockholm), Phys.D. (Clark); Senator of the Kingdom of Italy; Member of the Italian Society of Sciences; Member of the Reale Accademia dei Lincei; Member of the Reale Accademia delle Scienze de Torino; Foreign Member of the Royal Society of London and of the Royal Academy of Stockholm; Corresponding Member of the Institut de France, the Imperial Academy of St. Petersburg, the Königliche Gesellschaft der Wissenschaften zu Göttingen, the Kaiserliche Leopoldinisch-Carolinische Akademie, the Reale Istituto Lombardo di Scienze e Lettre, the Reale Accademia delle Scienze dell' Istituto di Bologna, and the Reale Accademie delle Scienze, Lettre ed Arti di Modena; Honorary Member of the London Mathematical Society, the Mathematical Society of Kharkov, and the Calcutta Mathematical Society; Member of the Bureau de la Société Mathématique de France; Member of the Deutsche Mathématiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematical Physics and Celestial Mechanics, University of Rome, Rome, Italy. *Via in Lucina, 17.*

1905,   Dec. | WADDELL, MARY EVELYN GERTRUDE, M.A. Orono, Ontario, Canada.

1909,   Sept. | WAHLIN, GUSTAF ERIC, B.A., Ph.D (Yale); Instructor in Mathematics, University of Illinois, Urbana, Ill. *1308 West Stoughton Street.*

Date of
Admission.

1891,	Oct.	WAIT, LUCIEN AUGUSTUS, B.A.; Emeritus Professor of Mathematics, Cornell University, Ithaca, N. Y. *Rockledge.*
1891,	Apr.	WALDO, CLARENCE ABIATHAR, M.A., Ph.D.; Professor of Mathematics, Washington University, St. Louis, Mo.
1898,	Dec.	WALKER, BUZZ M., M.Sc., Ph.D. (Chicago); Professor of Mathematics and Director of the School of Engineering, Mississippi Agricultural and Mechanical College, Agricultural College, Miss.
1905,	Apr.	WALKER, MARY SHORE, B.A., Ph.D. (Yale); Instructor in Mathematics, University of Missouri, Columbia, Mo. *612 Turner Avenue.*
1908,	Apr.	WALSH, CHARLES BURTON, B.A.; Teacher of Mathematics, Ethical Culture High School, New York, N. Y. *33 Central Park West.*
1898,	Apr.	WASHBURNE, ALVA COURTENAY, Member of the Actuarial Society of America; Assistant Actuary of the Berkshire Life Insurance Company, Pittsfield, Mass.
1902,	Apr.	WEBB, HARRISON EMMETT, B.A.; Teacher of Mathematics, Barringer High School, Newark, N. J. *12 Irving Place, Summit, N. J.*
1891,	Oct.	WEBB, JOHN BURKITT, C.E.; Professor of Mathematics and Mechanics, Stevens Institute of Technology, Hoboken, N. J. Consulting Engineer. *Hoboken, N. J.*
1891,	May	WEBSTER, ARTHUR GORDON, B.A., Ph.D. (Berlin), Sc.D. (Tufts), LL.D. (Hobart); Member of the National Academy of Sciences; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Physics, Clark University, Worcester, Mass.
1891,	June	WEEKS, RUFUS WELLS, Associate of the Institute of Actuaries; Corresponding Member of the Institut des Actuaires Français; Member of the Deutscher Verein für Versicherungs-Wissenschaft; Vice-President and Chief Actuary of the New York Life Insurance Company. *346 Broadway,* New York, N. Y.
1892,	Feb.	WELD, LAENAS GIFFORD, B.Sc., M.A.; Professor of Mathematics and Astronomy, State University of Iowa, Iowa City, Ia.
1908,	Dec.	WELLS, MARY EVELYN, B.A., M.Sc.; Instructor in Mathematics, Mount Holyoke College, South Hadley, Mass.
1891,	Apr.	WELLS, WEBSTER, B.Sc.; Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass.

Date of
Admission.

1910,	Apr.	WENTWORTH, GEORGE. Exeter, N. H.
1897,	Feb.	WERNICKE, AUGUST LUDWIG PAUL, Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung. *2560 Moorman Avenue,* Cincinnati, Ohio.
1897,	Dec.	*WESTERN, ALFRED EDWARD, Sc.D.; Member of the London Mathematical Society; Fellow of the Cambridge Philosophical Society. *36 Lancaster Gate,* London, W., England.
1902,	Dec.	WESTFALL, W. D. A., B.A., Ph.D. (Göttingen); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Assistant Professor of Mathematics, University of Missouri, Columbia, Mo.
1898,	Aug.	WESTLUND, JACOB, Ph.D. (Yale); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Professor of Mathematics, Purdue University, Lafayette, Ind. *130 Andrew Place, West Lafayette.*
1892,	Nov.	WHITE, HENRY SEELY, B.A., Ph.D. (Göttingen); EX-PRESIDENT; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the *Transactions of the American Mathematical Society;* Professor of Mathematics, Vassar College, Poughkeepsie, N. Y.
1910,	Dec.	WHITE, MARION BALLANTYNE, M.A., Ph.D. (Chicago); Assistant Professor of Mathematics, University of Kansas, Lawrence, Kan. *1108 Ohio Street.*
1909,	Sept.	WHITFORD, EDWARD EVERETT, M.A.; Tutor in Mathematics, College of the City of New York, New York, N. Y. *523 West 151st Street.*
1902,	Apr.	WHITNEY, ALBERT WURTS, B.A.; Assistant Professor of Mathematics and Insurance Methods, University of California, Berkeley, Cal. *33 Canyon Road.*
1897,	Dec.	*WHITTAKER, EDMUND TAYLOR, M.A., Sc.D., F.R.S.; Member of the London Mathematical Society; F.R.A.S.; Royal Astronomer of Ireland. Dunsink Observatory, Castleknock, County Dublin, Ireland.
1897,	Feb.	*WHITTEMORE, JAMES KELSEY, M.A.; Editor of the *Annals of Mathematics;* Assistant Professor of Mathematics, Harvard University, Cambridge, Mass. *371 Harvard Street.*
1908,	Apr.	WILBUR, RALSTON THORNTON, B.A., M.E.; Member of the American Society of Mechanical Engineers; Con-

sulting Mechanical Engineer; Professor of Physics and Mechanical Engineering, Christian Brothers College, St. Louis, Mo.

1899, Feb. WILCZYNSKI, ERNEST JULIUS, Ph.D. (Berlin); Member of the Circolo Matematico di Palermo; Associate Editor of the *Transactions of the American Mathematical Society;* Associate Professor of Mathematics, University of Chicago, Chicago, Ill. *5510 Washington Avenue.*

1892, May WILLARD, JOSEPH MOODY, B.A.; Professor of Mathematics and Secretary to the Council, Pennsylvania State College, State College, Pa.

1895, May WILLIAMS, CLARKE BENEDICT, M.A.; Olney Professor of Mathematics, Kalamazoo College, Kalamazoo, Mich. *214 Stuart Avenue.*

1892, May WILLIAMS, ELLA CORNELIA, M.A. *30 West 55th Street,* New York, N. Y.

1905, Sept. WILLIAMS, JOHN EDWARD, M.A., Ph.D. (Virginia); Professor of Mathematics, Virginia Polytechnic Institute, Blacksburg, Va.

1898, Apr. WILLIAMS, WILLIAM HILL, M.A.; Professor of Mathematics, Wisconsin State Normal School, Platteville, Wis.

1891, May WILLSON, FREDERICK NEWTON, M.A., C.E.; Professor of Descriptive Geometry, Stereotomy, and Technical Drawing, John C. Green School of Science, Princeton University, Princeton, N. J. *P. O. Box 63.*

1901, Oct. WILSON, ALBERT HARRIS, M.Sc.; Associate Professor of Mathematics, Haverford College, Haverford, Pa.

1906, Apr. WILSON, ALBERT MILLER, M.A.; Teacher of Mathematics, McKinley High School, St. Louis, Mo.

1904, Sept. WILSON, DELONZA TATE, M.A., Ph.D. (Chicago); Member of the Astronomical and Astrophysical Society of America; Assistant Professor of Mathematics and Astronomy, Case School of Applied Science, Cleveland, Ohio.

1899, Dec. WILSON, EDWIN BIDWELL, B.A., Ph.D. (Yale); Member of the Société Mathématique de France; Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Member of the American Physical Society; Member of the London Mathematical Society; Member of the Supervisory Board of the *American Year Book;* Associate Editor

of the *Transactions of the American Mathematical Society;* Associate Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass. *16 Lee Street, Cambridge, Mass.*

1900, Dec. WILSON, NORMAN RICHARD, M.A., Ph.D. (Chicago); Professor of Mathematics, Wesley College, University of Manitoba, Winnipeg, Canada. *181 Spence Street, Suite 2.*

1903, Oct. WILSON, ROBERT EDWARD, B.Ph., M.A.; Member of the Deutsche Mathematiker-Vereinigung; Assistant Professor of Mathematics, Northwestern University, Evanston, Ill. *2015 Sherman Avenue.*

1910, Apr. WILSON, WALLACE ALVIN, B.A.; Instructor in Mathematics, Yale University, New Haven, Conn. *135 Edgewood Avenue.*

1899, Dec. WOOD, RUTH GOULDING, B.L., Ph.D. (Yale); Associate Professor of Mathematics, Smith College, Northampton, Mass. *249 Crescent Street.*

1895, Oct. WOODS, FREDERICK S., M.A., Ph.D. (Göttingen); Member of the Société Mathématique de France; Editor of the *Annals of Mathematics;* Professor of Mathematics, Massachusetts Institute of Technology, Boston, Mass. *123 Sumner Street, Newton Centre, Mass.*

1891, May *WOODWARD, ROBERT SIMPSON, C.E., Ph.D., Sc.D., LL.D.; EX-PRESIDENT; Member of the National Academy of Sciences; Associate Editor of *Science;* President of the Carnegie Institution of Washington. The Carnegie Institution, Washington, D. C.

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

1908, Apr. WORTHINGTON, EUPHEMIA RICHARDSON, B.A., Ph.D. (Yale); Instructor in Mathematics, Wellesley College, Wellesley, Mass. *165 Pawling Avenue, Troy, N. Y.*

1898, Oct. WRIGHT, WALTER CHANNING, Member of the Actuarial Society of America; Consulting Actuary. *45 Milk Street, Room 701,* Boston, Mass.

1902, Oct. YANNEY, BENJAMIN FRANKLIN, M.A.; Member of the Circolo Matematico di Palermo; Richard Brown Professor of Mathematics, Mount Union College, Alliance, Ohio.

1903, Dec. YOUNG, ARCHER EVERETT, B.A., Ph.D. (Princeton); Member of the Deutsche Mathematiker-Vereinigung:

Date of
Admission.

Professor of Mathematics, Miami University, Oxford, Ohio.

1891, May YOUNG, JACOB WILLIAM ALBERT, M.A., Ph.D. (Clark); Associate Professor of the Pedagogy of Mathematics, University of Chicago, Chicago, Ill. *5422 Washington Avenue.*

1902, Feb. YOUNG, JOHN WESLEY, M.A., Ph.D. (Cornell); Member of the Deutsche Mathematiker-Vereinigung; Member of the Circolo Matematico di Palermo; Editor of the *Bulletin of the American Mathematical Society;* Collaborator of the *Bulletin des Sciences Mathématiques;* Professor of Mathematics, University of Kansas, Lawrence, Kan. *1702 Massachusetts Street.*

1893, Mar. YOWELL, EVERETT IRVING, M.Sc., C.E.; Chief Assistant in the Cincinnati Observatory, Cincinnati, Ohio.

1891, Apr. ZIWET, ALEXANDER, C.E.; Member of the Deutsche Mathematiker-Vereinigung; Editor of the *Bulletin of the American Mathematical Society;* Professor of Mathematics, University of Michigan, Ann Arbor, Mich. *644 South Ingalls Street.*

Number of members, January 1, 1910........................ 618
Number of members, January 1, 1911........................ 641
Members admitted during the year 1910......................   37
Members withdrawing during the year 1910...................   14
Number of life members....................................   60