A
Maria Gaetana Agnesi wrote one of the first calculus textbooks in 1748. She was offered a professorship by the Bologna Academy of Sciences, making her the first female mathematics professor since antiquity, but it is unknown whether she accepted.[4]

Karen Aardal (born 1961), Norwegian and Dutch applied mathematician, theoretical computer scientist, and operations researcher

Hanan Mohamed Abdelrahman, Egyptian and Norwegian mathematics educator

Izabela Abramowicz (1889–1973), Polish mathematician and mathematics educator

Louise Doris Adams (1889–1965), British mathematics reformer, president of the Mathematical Association

Rachel Blodgett Adams (1894–1982), American mathematician, one of the earliest mathematics doctorates from Radcliffe College

Tatyana Afanasyeva (1876–1964), Russian-Dutch researcher in statistical mechanics, randomness, and geometry education

Amandine Aftalion (born 1973), French applied mathematician, studies superfluids and the mathematics of footracing

Maria Gaetana Agnesi (1718–1799), Italian mathematician and philosopher, possibly the first female mathematics professor

Ilka Agricola (born 1973), German expert on differential geometry and its applications in mathematical physics

Nkechi Agwu (born 1962), African American ethnomathematician

Dorit Aharonov (born 1970), Israeli specialist in quantum computing

Beatrice Aitchison (1908–1997), American topologist who became a transportation economist in the US civil service

Noreen Sher Akbar, Pakistani fluid dynamicist

Shabnam Akhtari, Iranian number theorist

Asuman Aksoy, Turkish-American functional analyst

Meike Akveld, Swiss knot theorist and mathematics educator

Fatiha Alabau (born 1961), French expert in control of partial differential equations, president of French applied mathematics society

Mara Alagic, Serbian mathematics educator, editor-in-chief of Journal of Mathematics and the Arts

Lara Alcock, British mathematics educator and author

Helen Popova Alderson (1924–1972), Russian and British mathematician and translator, wrote on quasigroups and reciprocity laws

Grace Alele-Williams (1932–2022), first woman to lead a Nigerian university

Aldona Aleškevi?ien?-Statulevi?ien? (1936–2017), Lithuanian probability theorist

Stephanie B. Alexander, American differential geometer

Florence Eliza Allen (1876–1960), second female and fourth overall mathematics PhD from the University of Wisconsin

Linda J. S. Allen, American mathematician and mathematical biologist

Elizabeth S. Allman (born 1965), American mathematical biologist

Ann S. Almgren, American applied mathematician who works on computational simulations of supernovae and white dwarfs

Melania Alvarez, Mexican-Canadian mathematics educator, organizer of summer mathematics camps for indigenous students

Yvette Amice (1936–1993), French expert on p-adic analysis who became president of the French mathematical society

Divsha Amirà (1899–1966), Israeli geometer and mathematics educator

T. A. Sarasvati Amma (1918–2000), Historian of ancient Indian mathematics

Astrid an Huef, New Zealand expert on functional analysis, president of New Zealand Mathematical Society

Nalini Anantharaman (born 1976), French mathematical physicist, winner of the Henri Poincaré Prize

Beverly Anderson (born 1943), American mathematician, director of minority programs for Mathematical Sciences Education Board

Kirsti Andersen (born 1941), Danish historian of mathematics

Cabiria Andreian Cazacu (1928–2018), Romanian complex analyst

Hajnal Andréka (born 1947), Hungarian researcher in algebraic logic

Annie Dale Biddle Andrews (1885–1940), algebraic geometer, first female PhD from the University of California, Berkeley

Grace Andrews (mathematician) (1869–1951), one of only two women listed in the first edition of American Men of Science

Lidia Angeleri Hügel (born 1960), Italian expert on tilting theory and silting theory

Guacolda Antoine Lazzerini (1908–2015), Chilean mathematician and mathematics educator

Kathleen Antonelli (1921–2006), Irish-American programmer of ENIAC, the first general-purpose electronic digital computer

Paola Antonietti (born 1980), Italian numerical analyst, applies domain decomposition methods to geophysical simulation

Noriko H. Arai (born 1962), Japanese mathematical logician and artificial intelligence researcher

Crista Arangala, American numerical analyst, textbook author, and international educator

Carolina Araujo, Brazilian algebraic geometer

Gabriela Araujo-Pardo, Mexican graph theorist, president of Mexican Mathematical Society

Maria Angela Ardinghelli (1730–1825), Italian translator of Stephen Hales, mathematician, physicist and noble

Esther Arkin, Israeli-American researcher in operations research and computational geometry

Sandra Arlinghaus, founder of the Institute of Mathematical Geography

Beulah Armstrong (1895–1965), American mathematician, University of Illinois

Marie-Claude Arnaud, French expert in dynamical systems

Mary Nicholas Arnoldy (1893–1985), American nun and mathematician

Fuensanta Aroca, Spanish-Mexican tropical geometer

Elayne Arrington, American aerospace engineer, expert on Soviet aircraft

Sharon Arroyo, American operations researcher in aircraft manufacture

Michèle Artigue (born 1946), French expert in mathematics education

Natascha Artin Brunswick (1909–2003), German-American mathematician, photographer, and journal editor

Shiri Artstein (born 1978), Israeli mathematician specializing in convex geometry and asymptotic geometric analysis

Marcia Ascher (1935–2013), American ethnomathematician

Winifred Asprey (1917–2007), helped establish the first computer science lab at Vassar

Michèle Audin (born 1954), French researcher in symplectic geometry

Bonnie Averbach (1933–2019), American mathematics and actuarial educator and author

Tamara Awerbuch-Friedlander (died 2021), American biomathematician and public health scientist

Hertha Ayrton (1854–1923), English engineer, mathematician, physicist, and inventor, winner of the Hughes Medal

B
Alexandra Bellow (b. 1935) has contributed to ergodic theory, probability and analysis.

Ellen Baake (born 1961), German mathematical biologist

Wealthy Babcock (1895–1990), American mathematician, namesake of Kansas University mathematics library

Christine Bachoc (born 1964), French expert on coding theory and kissing numbers

Clara Latimer Bacon (1866–1948), first woman to earn a Ph.D. in mathematics from Johns Hopkins University

Jenny Baglivo (born 1948), American mathematician, statistician, and book author

Hajer Bahouri (born 1958), Franco-Tunisian mathematician interested in partial differential equations

Ann E. Bailie (born 1935), American mathematician and space scientist, discovered that the earth is pear-shaped

Frances Ellen Baker (1902–1995), American mathematician and number theorist

Kitty Baker (1912–2014), American mathematics educator, artist and weaver, and author

Rose Baker, British physicist, mathematician, and statistician

Ruth Baker, British mathematical biologist interested in pattern formation and morphogenesis

Rena Bakhshi (born 1981), Dutch complex network theorist

Viviane Baladi (born 1963), Swiss-French expert on dynamical systems

Jennifer Balakrishnan, American number theorist who solved the "cursed curve"

Deborah Loewenberg Ball, American mathematics education researcher

Cristina Ballantine, Romanian-born American algebraic combinatorist and number theorist

Catherine Bandle (born 1943), Swiss expert on differential equations and isoperimetric inequalities

Selenne Bañuelos (born 1985), Mexican-American mathematician and mathematical biologist

Hélène Barcelo (born 1954), mathematician from Québec, former editor-in-chief of Journal of Combinatorial Theory, Series A

Grace Marie Bareis (1875–1962), American group theorist, first mathematics Ph.D. at Ohio State, and founding member of the MAA

Nina Bari (1901–1961), Soviet mathematician known for her work on trigonometric series

Ruth Aaronson Bari (1917–2005), American mathematician known for her work in graph theory and homomorphisms

Mildred Barnard (1908–2000), Australian biometrician, mathematician and statistician

Janet Barnett, American mathematician known for integrating the history of mathematics into her teaching

Ida Barney (1886–1982), American mathematics professor and astronomer

Charlotte Barnum (1860–1934), mathematician and social activist, first female mathematics PhD from Yale

Margaret Baron (1915–1996), British mathematics educator and historian of mathematics

Lida Barrett (1927–2021), second female president of the MAA

June Barrow-Green (born 1953), British historian of mathematics

Jean Bartik (1924–2011), one of the original programmers for the ENIAC computer

Martha Helen Barton (1891–1971), American mathematician and professor

Estelle Basor (born 1947), American mathematician interested in operator theory and the theory of random matrices

Marjorie Batchelor, American mathematician known for Batchelor's theorem on supermanifolds

Grace Bates (1914–1996), one of few women in the United States to be granted a PhD in

mathematics in the 1940s

Lynn Batten (born 1948), Canadian immigrant to Australia, researcher in finite geometries and cryptography

Helga Baum (born 1954), German differential geometer

Patricia E. Bauman, studies the mathematics of liquid crystals and superconductors

Karin Baur, Swiss combinatorial representation theorist

Agnes Sime Baxter (1870–1917), second Canadian and fourth North American woman to earn a mathematics PhD

Margaret Bayer, American mathematician working in polyhedral combinatorics

Pilar Bayer (born 1946), Spanish number theorist

Eva Bayer-Fluckiger (born 1951), Hungarian-Swiss mathematician, proved Serre's conjecture on Galois cohomology of classical groups

Jillian Beardwood (1934–2019), British mathematician, contributed to the traveling salesperson problem

Karine Beauchard (born 1978), French control theorist

Agnès Beaudry, Canadian-American stable homotopy theorist

Miriam Becker (1909–2000), American mathematician whose career became a test case for unionization and academic tenure

Astrid Beckmann (born 1957), German mathematician, mathematics educator, physicist, and academic administrator

May Beenken (1901–1988), American mathematician

Janet Beery, American mathematician and historian of mathematics

Mary Beisiegel, American mathematics educator

Marion Beiter (1907–1982), American mathematician, expert on cyclotomic polynomials

sarah-marie belcastro, American algebraic geometer, editor of books on mathematics and fiber arts

Hélène Bellosta (1946–2011), French historian of mathematics in medieval Islam

Alexandra Bellow (born 1935), Romanian researcher in ergodic theory, probability and analysis

Margherita Piazzola Beloch (1879–1976), Italian researcher in algebraic geometry, algebraic topology and photogrammetry

Amel Ben Abda, Tunisian applied mathematician

Suzan Rose Benedict (1873–1942), first woman to earn a PhD from the University of Michigan

Georgia Benkart (1947–2022), American mathematician, expert on Lie algebras

Alona Ben-Tal, Israeli and New Zealand applied mathematician, models human and bird breathing

Deborah J. Bennett (born 1950), American mathematics educator and popular mathematics book author

Sylvie Benzoni (born 1967), French expert in fluid dynamics and partial differential equations, director of the Institut Henri Poincaré

Bonnie Berger, American mathematician and computer scientist, researcher in computational molecular biology

Marsha Berger (born 1953), American researcher in numerical analysis, computational fluid dynamics, and parallel computing

Tanja Bergkvist (born 1974), Swedish mathematician and anti-feminist activist

Julie Bergner, American expert on algebraic topology, homotopy theory, and higher category theory

Nicole Berline (born 1944), French researcher on index theory of elliptic differential operators

Natalia Berloff, professor of applied mathematics at the University of Cambridge

Leah Berman (born 1976), American discrete geometer

Christine Bernardi (1955–2018), French expert on numerical analysis of partial differential equations

Dorothy Lewis Bernstein (1914–1988), applied mathematician, first female president of the MAA

Inga Berre (born 1978), Norwegian applied mathematician, models porous media and geothermal

systems

Valérie Berthé (born 1968), French researcher in symbolic dynamics, combinatorics on words, and discrete geometry

Andrea Bertozzi (born 1965), American researcher in partial differential equations, studies mathematics of urban crime

Nadine Bezuk, American mathematics educator, president and executive director of Association of Mathematics Teacher Educators

Vasanti N. Bhat-Nayak (1938–2009), professor of combinatorics and head of mathematics at the University of Mumbai

Ushadevi Bhosle (born 1949), Indian expert on vector bundles

Francesca Biagini (born 1973), Italian-German probability theorist and financial mathematician

Ginestra Bianconi, Italian network scientist

Lydia Bieri (born 1972), Swiss-American expert on general relativity, gravity waves, and the history of cosmology

Anna Maria Bigatti, Italian algebraist, developer of CoCoA

Miggy Biller, British mathematician and mathematics educator

Sara Billey (born 1968), American algebraic combinatorialist

Katalin Bimbó (born 1963), Canadian mathematical logician and proof theorist

Christina Birkenhake (born 1961), German algebraic geometer

Joan Birman (born 1927), American braid and knot theorist

Laure Blanc-Féraud (born 1963), French applied mathematician and image processing researcher

Gertrude Blanch (1897–1996), American numerical analyst

Roswitha Blind, German convex geometer and politician

Karen M. Bliss, American applied mathematician specializing in biomedical applications and materials science

Lenore Blum (born 1942), distinguished professor of computer science at Carnegie Mellon University

Jo Boaler (born 1964), British-American promoter of mathematics education reform and equitable mathematics classrooms

Mary L. Boas (1917–2010), author of Mathematical Methods in the Physical Sciences

Christine Böckmann (born 1955), German numerical analyst, expert in atmospheric lidar

Graciela Boente, Argentine mathematical statistician known for her research in robust statistics

Neda Bokan (born 1947), Serbian differential geometer

Natashia Boland (born 1967), Australian mathematician and operations researcher

Sylvie Boldo, French expert in formal verification of numerical computation

Aline Bonami, French mathematical analyst, president of the Société mathématique de France

Petra Bonfert-Taylor, German-American complex analyst and engineering educator

Virginie Bonnaillie-Noël (born 1976), French numerical analyst

Alicia Boole Stott (1860–1940), Irish-English four-dimensional geometer

Mary Everest Boole (1832–1916), self-taught author of didactic works on mathematics

Kathleen Booth (1922–2022), British mathematician and pioneer of assembly language computer programming

Liliana Borcea, Romanian-American applied mathematician, expert on wave propagation

Valentina Borok (1931–2004), Soviet Ukrainian mathematician who studied partial differential equations

Celia Grillo Borromeo (1684–1777), Genovese mathematician and scientist, discovered Clélie curve

Liouba Bortniker (1860 – after 1903), Russian-French mathematician, first woman agrégée in mathematics, first winner of Peccot prize

Fernanda Botelho (born 1957), Portuguese-American functional analyst

Julia Böttcher, German graph theorist

Mary Michel Boulus (1926–2012), American Catholic nun, mathematics teacher, and college president

Anne Bourlioux, Canadian expert in turbulent combustion and world record holder in indoor rowing

Élisabeth Bouscaren (born 1956), French mathematician who studies the connections between algebraic geometry and model theory

Mireille Bousquet-Mélou (born 1967), French combinatorialist

Anne Boutet de Monvel (born 1948), French applied mathematician and mathematical physicist

Debra Boutin, American mathematician, expert on the symmetries of graphs

Sylvia Bozeman (born 1947), African-American mathematician and academic administrator

Lis Brack-Bernsen (born 1946), Danish and Swiss mathematician, historian of science, and historian of mathematics

Mary Bradburn (1923–2000), British mathematics educator, president of the Mathematical Association

Elizabeth Bradley (born 1961), American expert in nonlinear dynamical systems, competed in 1988 Olympics

Lillian K. Bradley (1921–1995), first African-American woman to earn a doctorate in any subject at the University of Texas

Dorothy Brady (1903–1977), American mathematician and economist

Priscilla Braislin (1838–1888), first professor of mathematics at Vassar College

Leila Bram (1927–1979), head of mathematics for Office of Naval Research

Leticia Brambila Paz (born 1953), Mexican algebraic geometer

Bodil Branner (born 1943), founder of European Women in Mathematics, chair of the Danish Mathematical Society

Hel Braun (1914–1986), German number theorist

Elena Braverman, Russian, Israeli, and Canadian researcher in delay differential equations and difference equations

Loretta Braxton (1934–2019), American mathematician

Marilyn Breen (born 1944), American geometer

Tara E. Brendle, American low-dimensional topologist and combinatorial group theorist

Susanne Brenner, expert in the numerical solution of differential equations

Sonja Brentjes (born 1951), German historian of Islamic mathematics and cartography

Diane Briars (born 1951), American mathematics educator, advocate for education reform, president of National Council of Teachers of Mathematics

Kathrin Bringmann (born 1977), German number theorist, expert on mock theta functions, winner of SASTRA Ramanujan Prize

Ruth Britto, American mathematical physicist

Jill Britton (1944–2016), Canadian mathematics educator, author of educational books on mathematics

Bárbara M. Brizuela, American researcher on mathematics education in early childhood and elementary school

Anne Broadbent, Canadian researcher on quantum computing, quantum cryptography, and quantum information

Tamara Broderick, American mathematician and computer scientist who works in machine learning and Bayesian inference

Lia Bronsard (born 1963), Canadian expert on interface dynamics, president of Canadian Mathematical Society

Margaret Brown, British mathematics educator

Susan Brown (1937–2017), English fluid mechanics researcher, possibly second female mathematics professor in UK

Marjorie Lee Browne (1914–1979), one of the first African-American women to receive a doctorate

in mathematics

Laurence Broze (born 1960), Belgian applied mathematician, statistician, and economist, president of l'association femmes et mathématiques

Karen Brucks (1957–2017), American mathematician, expert on one-dimensional dynamical systems

Maria Bruna (born 1984), Spanish applied mathematician known for stochastic modelling of multiscale phenomena

Sophie Bryant (1850–1922), Anglo-Irish mathematician, educator, feminist and activist

Ranee Brylinski (born 1957), American mathematician known for her research in representation theory and quantum logic gates

Evelyn Buckwar, German-Austrian expert on stochastic differential equations

Alina Bucur, American analytic number theorist and arithmetic statistician

Lilya Budaghyan, Armenian-Norwegian cryptographer

Annalisa Buffa (born 1973), Italian specialist in numerical analysis for partial differential equations

Marta Bunge (1938–2022), Argentine-Canadian category theorist

Angelika Bunse-Gerstner (born 1951), German expert on numerical linear algebra

Regina S. Burachik, Argentine-Australian researcher in convex analysis, functional analysis and non-smooth analysis

Almut Burchard, German-Canadian functional analyst, probability theorist, and communication network analyst

Marilyn Burns (born 1941), American mathematics educator and author of children's books on mathematics

Ellen Burrell (1850–1938), American mathematician

Gail F. Burrill, American mathematics educator, president of National Council of Teachers of Mathematics

Leone Burton (1936–2007), British researcher in ethnomathematics, founded book series on women in mathematics

Edith Bush (1882–1977), American mathematician, first female engineering professor at Tufts University

Ida Busbridge (1908–1988), studied integral equations and radiative transfer, first female mathematics fellow at Oxford

Marjorie V. Butcher (1925–2016), American actuarial mathematician, first woman mathematics instructor at Michigan, first woman professor at Trinity College Connecticut

Lynne Butler (born 1955), American combinatorialist and mathematical statistician

Margaret K. Butler (1924–2013), computer programmer, director of the National Energy Software Center at Argonne

Helen Byrne, British applied mathematician and mathematical biologist


C

Yvonne Choquet-Bruhat is a leading authority on general relativity and is known for existence results in a variety of physical theories. In 1984 she made an influential study of supergravity.

María Emilia Caballero, Mexican probability theorist

Angelina Cabras (1898–1993), Italian mathematician, physicist, and theoretical mechanics professor

Fioralba Cakoni, Albanian expert on inverse scattering theory

Maria-Carme Calderer, Spanish-American researcher in applied mathematics

Nora Calderwood (1896–1985), Scottish mathematician, namesake of Birmingham University's Calderwood Prize

Helen Calkins (1893–1970), American mathematician and professor

Daniela Calvetti, Italian-American mathematician whose work connects Bayesian statistics with

numerical analysis

Erika Tatiana Camacho (born 1974), Mexican-American mathematical biologist

Lucy Campbell, geophysical fluid dynamics researcher from Barbados, Jamaica, Ghana, and Canada

Sue Ann Campbell, Canadian applied mathematician and computational neuroscientist, president of Canadian Applied and Industrial Mathematical Society

Jessie Forbes Cameron (1883–1968), British mathematician, first woman to complete her PhD in mathematics at the University of Marburg

Naiomi Cameron, American combinatorist, vice president of National Association of Mathematicians

Patricia Campbell, American mathematics educator

María Antònia Canals (1930–2022), Spanish mathematics educator and recreational mathematician

Sun?ica ?ani?, Croatian-American expert in modeling the cardiovascular system and devices for treating it

Ana Cannas da Silva (born 1968), Portuguese mathematician specializing in symplectic geometry and geometric topology

Barbara Canright (1920–1997), American human computer at the Jet Propulsion Laboratory

Yaiza Canzani, Spanish and Uruguayan mathematical analysis, known for work in spectral geometry and microlocal analysis

Mireille Capitaine, French researcher on random matrices and free probability theory

Lucia Caporaso, Italian algebraic geometer

Marian Palmer Capps (1901–2001), American mathematician and leader of prominent African-American women's societies

Ana Caraiani, Romanian-American IMO medalist, Putnam fellow, expert in algebraic number theory and the Langlands program

Olivia Caramello (born 1984), Italian topos theorist

Alessandra Carbone, Italian mathematician and computer scientist, studies protein interactions in muscular dystrophy

Sally Elizabeth Carlson (1896–2000), first woman to obtain a doctorate in mathematics at the University of Minnesota

Debra Carney, American mathematics educator

Ana Carpio, Spanish applied mathematician

María J. Carro (born 1961), Spanish mathematical analyst

Anna Cartan (1878–1923), French mathematician, teacher and textbook author, student of Marie Curie

Coralia Cartis, Romanian expert on compressed sensing, numerical analysis, and regularization methods in optimization

Mary Cartwright (1900–1998), British mathematician, one of the first to analyze a dynamical system with chaos

María Andrea Casamayor (1700–1780), only 18th-century Spanish scientist whose work is still extant

Bettye Anne Case, American mathematician and historian of mathematics

Emma Castelnuovo (1913–2014), Italian mathematics educator and textbook author

Eleonora Catsigeras (born 1956), Uruguayan mathematician, applies dynamical systems in neuroscience

Catherine Cavagnaro (born 1965), American low-dimensional topologist and aerobatic aviator

Beatrice Mabel Cave-Browne-Cave (1874–1947), English pioneer in the mathematics of aeronautics

Frances Cave-Browne-Cave (1876–1965), English mathematician and computer scientist, taught at Girton College, Cambridge

Anny Cazenave (born 1944), French space geodesist, pioneer in satellite altimetry

Zoia Ceau?escu (1949–2006), Romanian functional analyst, daughter of Communist leader

Elena Celledoni (born 1967), Italian-Norwegian expert on numerical analysis, Lie groups, and structure-preserving algorithms

Vivien Challis, Australian Applied mathematician, expert in topology optimization

Sue Chandler, author of English secondary-school mathematics textbooks

Melody Chan, American expert in combinatorial commutative algebra, graph theory, and tropical geometry

Sun-Yung Alice Chang (born 1948), Chinese-American mathematical analyst, member of National Academy of Sciences

Josephine Chanler (1906–1992), American mathematician

Mei-Chu Chang, Taiwanese-American expert in algebraic geometry and combinatorial number theory

Vyjayanthi Chari (born 1958), Indian-American expert in quantum algebra

Ruth Charney (born 1950), American expert on geometric group theory and Artin groups, president of the Association for Women in Mathematics (AWM)

Marie Charpentier (1903–1994), first woman to earn a doctorate in pure mathematics in France and second to obtain a faculty position there

Émilie du Châtelet (1706–1749), French translator and commentator of Isaac Newton's Principia Mathematica

Françoise Chatelin (1941–2020), French applied mathematician and numerical analyst

Indira Chatterji (born 1973), Swiss-Indian low-dimensional geometer

Zoé Chatzidakis, French researcher in model theory and differential algebra

Laura Chaubard, French mathematician, Director General of the École Polytechnique

Madeleine Chaumont (1896–1973), French mathematician, one of first women at École normale supérieure

Jennifer Tour Chayes (born 1956), expert on phase transitions in networks, founder of the theory group at Microsoft Research

Karine Chemla (born 1958), French historian of Chinese mathematics

Jacqueline Chen, American applied mathematician and mechanical engineer, applies massively parallel computing to simulate combustion

Xiaojun Chen, Chinese applied mathematician, expert on nonconvex optimization

Margaret Cheney (born 1955), American expert on inverse problems

Eugenia Cheng, English category theorist and pianist, uses analogies with food and baking to teach mathematics to non-mathematicians

Leslie Cheng, American harmonic analyst

Maggie Cheng, Chinese-American applied mathematician, computer scientist, and network scientist

Miranda Cheng (born 1979), Taiwanese-Dutch mathematician and theoretical physicist, formulated umbral moonshine

Yingda Cheng (born 1983), Chinese-American applied mathematician, expert in Galerkin methods

Alina Chertock, mathematician specializing in the numerical solution of partial differential equations modeling flow and chemotaxis

Amanda Chetwynd, British combinatorist and spatial statistician

Elaine Chew, Singaporean-American expert in the mathematics and visualization of concepts in music theory

Tanya Christiansen, American expert on scattering theory and partial differential equations

Graciela Chichilnisky (born 1944), Argentine-American mathematical economist and authority on climate change

Lauren M. Childs, American mathematician, expert on modeling disease spread

Phyllis Chinn (born 1941), American graph theorist and historian of mathematics

Grace Chisholm Young (1868–1944), English mathematician, first woman to receive a German doctorate

Sonya Christian, Indian mathematician and American community college administrator

YoungJu Choie (born 1959), Korean number theorist

Yvonne Choquet-Bruhat (born 1923), French mathematician and physicist, first woman elected to the French Academy

Maria Chudnovsky (born 1977), Israeli-American graph theorist, MacArthur Fellow

Fan Chung (born 1949), Taiwanese-American researcher in random graphs

Julia Chuzhoy, Israeli expert in approximation algorithms and graph minor theory

Monique Chyba, applied control theory to autonomous underwater vehicles

Agata Ciabattoni, Italian non-classical mathematical logician

Maria Cibrario (1905–1992), Italian specialist in partial differential equations

Marta Civil, American mathematics educator

Mónica Clapp, Mexican researcher in nonlinear partial differential equations and algebraic topology

Lisa Orloff Clark, professor of mathematics at Victoria University of Wellington in New Zealand

Joan Clarke (1917–1996), English code-breaker at Bletchley Park, numismatist

Jeanne N. Clelland (born 1970), American expert on differential geometry and its applications to differential equations

Mary Clem (1905–1979), American mathematician and human computer, invented zero check error detection

Harriet Redfield Cobb (1866–1958), American mathematician

Anne Cobbe (1920–1971), British algebraist

Sally Cockburn (born 1960), Canadian-American mathematician

Jane Purcell Coffee (1944–2023), one of the first women to earn a mathematics PhD at U. Penn.; founded a teaching academy

Judita Cofman (1936–2001), Yugoslav-German finite geometer and mathematics educator, first mathematics doctorate from Novi Sad

Doris Cohen, American mathematician, first female author in the National Advisory Committee for Aeronautics

Elaine Cohen, American pioneer in the use of splines for geometric modeling

Marion Cohen (born 1943), American poet and mathematician, teaches the relationship between art and mathematics

Miriam Cohen (born 1941), Israeli researcher in Hopf algebras, quantum groups and non-commutative rings

Amy Cohen-Corwin, American expert in the Korteweg–de Vries equation and cubic Schrödinger equation

Alina Carmen Cojocaru, Romanian number theorist

Margaret Buchanan Cole, American mathematician at West Virginia University

Nancy Cole (1902–1991), American mathematician, made pioneering contributions to Morse theory

Caroline Colijn, Canadian mathematical epidemiologist

Susan Jane Colley (born 1959), first female editor-in-chief of the American Mathematical Monthly

Agnes Bell Collier (1860–1930), British mathematician

Karen L. Collins, American graph theorist and combinatorist

Sandra Collins (born 1970), Irish fluid dynamicist and librarian

Coralie Colmez, French writer on legal mathematics

Maria Colombo (born 1989), Italian mathematical analyst

Caterina Consani (born 1963), Italian mathematician specializing in arithmetic geometry

Keisha Cook, American mathematical biologist

Pamela Cook, American expert in fluid dynamics, president of SIAM

Frances Cope (1902–1983), American researcher on differential equations, namesake of the Thorndike nomogram

Lennie Copeland (1881–1951), American mathematician and professor at Wellesley College

Minerva Cordero, Puerto Rican expert on finite geometry

Lesley Cormack (born 1957), Canadian historian of mathematics and historian of geography

Leticia Corral (born 1959), Mexican mathematician, astrophysicist and materials scientist

Sylvie Corteel, French combinatorialist, former editor-in-chief of Journal of Combinatorial Theory, Series A

Véronique Cortier, French mathematician and computer scientist, uses mathematical logic to verify cryptographic protocols

Carla Cotwright-Williams (born 1973), African-American data scientist for the US government

Pamela G. Coxson, American applied mathematician specializing in disease modeling

Collette Coullard, American matroid theorist and operations researcher

Judith Covington, American mathematics educator

Lenore Cowen, American discrete mathematician, computer scientist, and computational biologist

Elizabeth Buchanan Cowley (1874–1945), American mathematician, advocated high school teaching of solid geometry

Annalisa Crannell, American expert on water waves and geometric perspective

Alissa Crans, American mathematician specializing in higher-dimensional algebra

Mary Croarken, British historian of mathematics and of computing

Marie Crous, 17th-century mathematician who introduced the decimal system to France

Ana Bela Cruzeiro (born 1957), Portuguese and Swiss stochastic analyst

Barbara Csima, Canadian computability theorist, president of Canadian Mathematical Society

Marianna Csörnyei (born 1975), Hungarian researcher in real analysis, geometric measure theory, and functional analysis

Helen F. Cullen (1919–2007), American topologist

Jane Cullum (born 1938), American applied mathematician known for her work in numerical algorithms and control theory

Louise Duffield Cummings (1870–1947), Canadian-American expert on Steiner triple systems

María Cumplido (born 1992), Spanish geometric group theorist

Susan Jane Cunningham (1842–1921), founded the mathematics and astronomy departments at Swarthmore College

Serafina Cuomo (born 1966), Italian historian of ancient mathematics

Antonella Cupillari (born 1955), Italian-American mathematics educator, historian of mathematics, and biographer of Agnesi

Ruth F. Curtain (1941–2018), Australian-Dutch expert in infinite-dimensional linear systems

Carina Curto (born 1978), American mathematical neuroscientist

Eleanor P. Cushing (1856–1925), American mathematician

Elizabeth Cuthill (1923–2011), American applied mathematician and Navy researcher known for sparse matrix ordering

Annie Cuyt (born 1956), Belgian expert on approximation


D

Ingrid Daubechies is known for her Daubechies wavelets.

Sophie Dabo-Niang, Senegalese-French mathematician and statistician

Amy Dahan, French mathematician, historian of mathematics, and historian of the politics of climate change

Mimi Dai, American expert in partial differential equations

Karma Dajani, Lebanese-Dutch mathematician, applies ergodic theory to number theory

Anne-Laure Dalibard, French mathematician, expert on fluid dynamics in oceanography

Ewa Damek (born 1958), Polish mathematical analyst, namesake of Damek–Ricci spaces

Pallavi Dani, Indian-American geometric group theorist

Donatella Danielli (born 1966), Italian-American specialist in partial differential equations

Sofia Danova (1879–1946), Bulgarian teacher and philanthropist, first Bulgarian woman to graduate

in mathematics

Christine Darden (born 1942), American aeronautical engineer who researches sonic booms

Geraldine Claudette Darden (born 1936), one of the first African-American women to earn a PhD in mathematics

Panagiota Daskalopoulos, Greek-American differential geometer

Nilanjana Datta, Indian-born British quantum information theorist

Ingrid Daubechies (born 1954), Belgian physicist and mathematician, known for wavelets

Monique Dauge (born 1956), French mathematician and numerical analyst

Chantal David (born 1964), Canadian analytic number theorist and arithmetic statistician

Giuliana Davidoff, American number theorist and expert on expander graphs

Penny J. Davies, Scottish expert on wave scattering, president of Edinburgh Mathematical Society

Cristiana De Filippis (born 1992), Italian expert in regularity theory for partial differential equations

Nicole De Grande-De Kimpe (1936–2008), Belgian pioneer in $p$-adic functional analysis

Christine De Mol (born 1954), Belgian applied mathematician and mathematical physicist

Ineke De Moortel, Belgian mathematician who studies the Sun's corona; president of Edinburgh Mathematical Society

Valeria de Paiva, Brazilian researcher in categorical logic

Lisette de Pillis, American researcher on the mathematics of cancer growth

Kaye A. de Ruiz, American mathematics educator

Daniela De Silva, Italian mathematician known for her expertise in partial differential equations

Luz de Teresa (born 1965), Mexican control theorist, president of Mexican Mathematical Society

Gerda de Vries, Canadian mathematician who studies dynamical systems and mathematical physiology

Winifred Margaret Deans (1901–1990), British translator of German mathematics and physics texts into English

Mary Deconge (born 1933), one of the first African-American women to earn a PhD in mathematics

Maria Deijfen (born 1975), Swedish graph theorist and probability theorist

Huguette Delavault (1924–2003), French mathematical physicist, activist for women in mathematics

Ermelinda DeLaViña, Hispanic American graph theorist

Laura DeMarco, American researcher in dynamical systems and complex analysis

Beryl May Dent (1900–1977), British mathematical physicist, researcher in molecular forces and computer-aided design

Darinka Dentcheva, Bulgarian-American convex analyst

Alicja Derkowska (born 1940), Polish social activist, mathematician and educator.

Marjorie Devaney (1931–2007), mathematician, electrical engineer, and pioneering computer programmer

Shakuntala Devi (1939–2013), Indian child prodigy, writer, and mental calculator

Cécile DeWitt-Morette (1922–2017), French founder of l'École de physique des Houches

Elena Deza (born 1961), French-Russian mathematician, author of books on figurate numbers and metric spaces

Mariangiola Dezani-Ciancaglini (born 1946), Italian expert on type theory, lambda calculus, and programming language semantics

Eleonora Di Nezza, Italian Kahler geometer

Giulia Di Nunno (born 1973), Italian expert in stochastic analysis and financial mathematics, promoter of mathematics in Africa

Sandra Di Rocco (born 1967), Italian-Swedish algebraic geometer

Daniela di Serafino (1966–2022), Italian applied mathematician and numerical analyst

Carrie Diaz Eaton, American mathematical biologist

Auguste Dick (1910–1993), Austrian historian of mathematics and biographer of Emmy Noether

Alicia Dickenstein (born 1955), Argentine algebraic geometer, vice-president of the International Mathematical Union

Caren Diefenderfer (1952–2017), American mathematician, president of National Numeracy Network

Susanne Dierolf (1942–2009), German expert on topological vector spaces

Ada Dietz (1882–1950), American weaver who used algebraic expressions to design textiles

Alice M. Dimick (1878–1956), American mathematician PhD

Ulla Dinger (born 1955), Swedish mathematical analyst, first female doctorate in mathematics at University of Gothenburg

Irit Dinur, Israeli researcher in probabilistically checkable proofs and hardness of approximation

Serena Dipierro, Italian expert on partial differential equations

Susanne Ditlevsen, Danish mathematical biologist and biostatistician

Mary P. Dolciani (1923–1985), developed modern method for teaching high school algebra in the United States

Yvonne Dold-Samplonius (1937–2014), Dutch historian of Islamic mathematics

Rosa Donat (born 1960), Spanish mathematician, uses multiresolution methods for flows with shock waves and high Mach number

Suzanne Dorée, American group theorist and mathematics educator

Maria Rita D'Orsogna (born 1972), Italian and American applied mathematician and environmental activist

Isabel Dotti, Argentine expert on homogeneous manifolds

Itala D'Ottaviano (born 1944), Brazilian logician

Yael Dowker (1919–2016), Israeli researcher in measure theory and ergodic theory

Agnes Meyer Driscoll (1889–1971), American cryptanalyst during both World War I and World War II

Kathy Driver, South African expert in special functions, orthogonal polynomials and approximation theory

Suely Druck, Brazilian mathematician, president of Brazilian Mathematical Society

Cornelia Dru?u Romanian mathematician, won Whitehead Prize for research in geometric group theory

Malgorzata Dubiel, Polish and Canadian mathematics educator

Marie-Louise Dubreil-Jacotin (1905–1972), first woman full professor of mathematics in France, expert in fluid mechanics and abstract algebra

Moon Duchin, American expert in geometric topology, geometric group theory, and Teichmüller theory

Marie Duflo (1940–2019), French probability theorist, activist for foreigners in France

Vida Dujmovi? (born 1972), Yugoslav-Canadian graph theorist

Della Dumbaugh, American historian of mathematics, editor-in-chief of American Mathematical Monthly

Ioana Dumitriu (born 1976), Romanian-American numerical analyst

Julena Steinheider Duncombe (1911–2003), American mathematics teacher and astronomer

Elizabeth B. Dussan V. (born 1946), American expert on the behavior of fluids

Nira Dyn, Israeli expert on subdivision surfaces


E

Annie Easley (1933–2011), human computer at NASA

Maria J. Esteban, Basque-French applied mathematician, 2006


Madeline Early (1912–2001), American mathematician and university professor.

Annie Easley (1933–2011), African-American computer scientist, mathematician, and rocket scientist

Sheila May Edmonds (1916–2002), British mathematician, Vice-Principal of Newnham College, Cambridge

Josephine D. Edwards (1942–1985), Australian mathematician, founded Australian Mathematics Competition

Mary Edwards (c. 1750–1815), human computer for the British Nautical Almanac

Ranthony Edmonds, American postdoctoral algebraist

Constance van Eeden (1927–2021), Dutch nonparameteric statistician who contributed to the development of statistics in Canada

Hettie Belle Ege (1861–1942), American mathematician, acting president of Mills College

Tatyana Pavlovna Ehrenfest (1905–1984), Dutch researcher in combinatorics and graph theory

Andrée Ehresmann (born 1935), French category theorist

Gertrude Ehrlich (born 1923), Austrian-American algebraist and number theorist

Thyra Eibe (1866–1955), first woman to earn a mathematics degree from the University of Copenhagen, translator of Euclid

Bettina Eick (born 1968), German computational group theorist

Ellen Eischen (born 1979), American number theorist

Carolyn Eisele (1902–2000), American mathematician, historian of mathematics, expert on Charles Sanders Peirce

Nathalie Eisenbaum, French probability theorist

Kirsten Eisenträger, German-American researcher in computational number theory

Tanja Eisner (born 1980), Ukrainian-German expert on operator theory

Nicole El Karoui (born 1944), Tunisian-French pioneer in mathematical finance

Amèle El Mahdi (born 1956), Algerian mathematics professor and writer

Donna DeEtte Elbert (1928-2019), American human calculator, worked on differential equations modeling magnetohydrodynamics

Nerida Ellerton (born 1942), Australian mathematics educator and historian of mathematics education

Joanne Elliott (1925–2023), American mathematician specializing in potential theory

Jo Ellis-Monaghan, American mathematician interested in graph polynomials and topological graph theory

Maria Emelianenko, Russian-American expert on centroidal Voronoi tessellation

Susan Empson, American scholar of mathematics education including childhood development of the concept of fractions

Gisela Engeln-Müllges (born 1940), escapee from East Germany, expert in numerical algorithms, and abstract artist

Lyn English, Australian mathematics education scholar

Susanna S. Epp (born 1943), American researcher in discrete mathematics and mathematical logic

Karin Erdmann (born 1948), German researcher in modular representation theory and homological algebra

Viveka Erlandsson, Swedish low-dimensional topologist and geometer

Anna Erschler (born 1977), Russian-French expert on random walks on groups

Hélène Esnault (born 1953), French algebraic geometer, winner of the Gottfried Wilhelm Leibniz Prize

Malena Español, Argentine-American applied and computational mathematician, expert in regularization methods for discrete inverse problems

Maria J. Esteban (born 1956), Basque-French applied mathematician, president of International Council for Industrial and Applied Mathematics

Alison Etheridge FRS (born 1964), English researcher in theoretical population genetics and mathematical ecology

Christina Eubanks-Turner, American mathematics educator, graph theorist, and commutative

algebraist

Bess Marie Eversull (1899–1978), first woman to earn a PhD in mathematics from the University of Cincinnati

F

Philippa Fawcett gained international fame when she obtained the top score on the 1890 Mathematical Tripos at Cambridge.

Marie Fabianová (1872–1943), Czech PhD mathematician, teacher and school principal, first female to graduate with a PhD in math from Charles University

Cornelia Fabri (1869–1915), Italian mathematician, first woman to graduate in math from University of Pisa.

Vera Faddeeva (1906–1983), Russian expert on numerical linear algebra

Fariba Fahroo, Persian-American expert in pseudospectral optimal control, winner of AIAA Mechanics and Control of Flight Award

Barbara Trader Faires (born 1943), American mathematician and textbook author, secretary of MAA

Bianca Falcidieno, Italian applied mathematician, pioneer of semantics-driven shape modeling

Etta Zuber Falconer (1933–2002), one of the first African-American women to receive a PhD in mathematics

Ruma Falk (1932–2020), Israeli psychologist and philosopher of mathematics specializing in human understanding of probability

María Falk de Losada, American-born Colombian mathematician, co-founded Colombian Mathematical Olympiad, rector of Antonio Nariño University

Mary Fama (1938–2021), New Zealand applied mathematician, expert on rock deformation in mining

Barbara Fantechi (born 1966), Italian algebraic geometer

Rosa María Farfán, Mexican researcher in social epistemology and mathematics education

Marie Farge (born 1953), French mathematician and physicist known for her research on wavelets and turbulence in fluid mechanics

Fay Farnum (1888–1977), American mathematician, founding member of MAA

Mary Celine Fasenmyer (1906–1996), Catholic nun whose research on hypergeometric functions prefigured WZ theory

Heike Fassbender, German expert in numerical linear algebra, first woman to lead a German mathematical society

Lisa Fauci (born 1960), American applied mathematician who applies computational fluid dynamics to biological processes

Patricia Fauring, Argentine mathematician, coach of the Argentine mathematical olympiad team

Odile Favaron (born 1938), French graph theorist

Philippa Fawcett (1868–1948), English educationalist, first woman to obtain the top score in the Cambridge Mathematical Tripos

Anita Burdman Feferman (1927–2015), American historian of mathematics and mathematical biographer

Nina Fefferman, American mathematical biologist

Eva-Maria Feichtner (born 1972), German algebraic geometer

Joan Feigenbaum (born 1958), theoretical computer scientist, co-inventor of trust management

Genevieve Grotjan Feinstein (1912–2006), helped decipher Japanese Purple cryptography, worked on Venona counter-intelligence

Käte Fenchel (1905–1983), Jewish German researcher on non-abelian groups

Zhilan Feng (born 1959), Chinese-American applied mathematician, mathematical biologist, and epidemiologist

Elizabeth Fennema (1928–2021), researched attitudes of young women towards mathematics and their classroom interactions

Anuška Ferligoj (born 1947), Slovenian mathematical sociologist and researcher in network analysis

Begoña Fernández, Mexican probability theorist and expert in mathematical finance

Elena Fernández (born 1956), Spanish operations researcher, president of Association of European Operational Research Societies

Marisa Fernández, Spanish differential geometer

Jacqueline Ferrand (1918–2014), French researcher on conformal representation theory, potential theory, and Riemannian manifolds

Daniela Ferrero, Uruguayan and American graph theorist

Antonia Ferrín Moreiras (1914–2009), Spanish mathematician and first Galician woman astronomer

Joan Ferrini-Mundy (born 1954), American researcher in mathematics education

Soheyla Feyzbakhsh, Iranian-British mathematician whose research connects algebraic geometry to string theory

Judith V. Field (born 1943), British historian of mathematics and art

Anna Fino, Italian differential geometer

Jessica Fintzen, German p-adic representation theorist

Farideh Firoozbakht (1962–2019), Iranian number theorist

Ilse Fischer (born 1975), Austrian combinatorialist

Irene Fischer (1907–2009), Austrian-American geodesist for Mercury and Apollo spaceflights, member of National Academy of Engineering

Vera Fischer, Austrian set theorist and mathematical logician

Naomi Fisher, American mathematics educator, worked to bring together research mathematicians and educators

Mary Flahive (born 1948), American mathematician, author of books on difference equations and diophantine approximation

Sarah Flannery (born 1982), winner of the EU Young Scientist of the Year Award for her teenage research on cryptography

Erica Flapan (born 1956), American researcher in low-dimensional topology and knot theory

Jennifer Flegg, Australian applied mathematician

Irmgard Flügge-Lotz (1903–1974), German aerodynamics researcher, first female engineering professor at Stanford

Natasha Flyer (born 1969), American earth scientist and applied mathematician, expert on radial basis functions

Anne Bosworth Focke (1868–1907), first mathematics professor at what is now University of Rhode Island; student of David Hilbert

Amanda Folsom (born 1979), American number theorist

Irene Fonseca (born 1956), Portuguese-American director of the Center for Nonlinear Analysis at Carnegie Mellon University

Liliana Forzani, Argentine applied mathematician and statistician, expert in dimensionality reduction

Phyllis Fox (1923–2017), American mathematician and computer scientist, collaborator on the first LISP interpreter

Marguerite Frank (born 1927), French-American pioneer in convex optimization theory and mathematical programming

Hélène Frankowska, Polish-French control theorist and set-valued analyst

Ailana Fraser, Canadian researcher on geometric analysis and the theory of minimal surfaces

Elena Freda (1890–1978), Italian mathematician, applied mathematical analysis to electromagnetics and biology

Haya Freedman (1923–2005), Israeli-British mathematician who studied the Tamari lattice and ring theory

Herta Freitag (1908–2000), Austrian-American expert on Fibonacci numbers

Nedda Friberti (born 1913), Italian mathematician, refugee from Nazi-occupied Italy

Susan Friedlander (born 1946), English-American researcher in fluid dynamics, first female editor-in-chief of the Bulletin of the AMS

Joyce Friedman (1928–2018), American mathematician, operations researcher, computer scientist, and computational linguist

Aline Huke Frink (1904–2000), American mathematician and professor

Charlotte Froese Fischer (1929–2024), Canadian-American expert on atomic-structure calculations who predicted negative calcium ions

Cleota Gage Fry (1910–2001), American mathematician, physicist and university professor

Hannah Fry (born 1984), English complex systems theorist and public speaker

Shirley M. Frye, American mathematics educator, president of National Council of Teachers of Mathematics

Elza Furtado Gomide (1925–2013), Brazilian mathematician, first female doctorate in mathematics at University of São Paulo

Cohl Furey, Canadian mathematical physicist

Fumiko Futamura, Japanese-American mathematician, expert on graphical perspective


G

These planar shapes with the same spectrum, discovered in part by Carolyn S. Gordon, gave a negative answer to the old question "Can you hear the shape of a drum?"

The Gray graph, the smallest cubic semi-symmetric graph, was discovered by Marion Gray while she was working at AT&T.


Lisl Gaal (born 1924), Austrian-born American set theorist and Galois theorist

Isabelle Gallagher (born 1973), French researcher in partial differential equations

Eva Gallardo (born 1971), president of Spanish Mathematical Society

Irene M. Gamba (born 1957), Argentine-American applied mathematician

Svetlana Gannushkina (born 1942), Russian mathematician and human rights activist

Nina Gantert, Swiss and German probability theorist

Kseniya Garaschuk (born 1982), Soviet-born Canadian mathematics educator, editor of Crux Mathematicorum

Pascale Garaud, French-American applied mathematician interested in fluid dynamics, magnetohydrodynamics, and their applications to astrophysics

Laura Gardini (born 1952), Italian mathematician, applies chaotic dynamics to economics

Manuela Garín (1914–2019), Spanish-born pioneer of Mexican mathematics

Annie Marie Watkins Garraway (born 1940), American mathematician who worked in telecommunications and electronic data transmission

Adriana Garroni (born 1966), Italian mathematician, expert on modeling plasticity and fracture

Mary Cleophas Garvin (1899–1990), American mathematician

Élisabeth Gassiat (born 1961), French mathematical statistician

Karin Gatermann (1961–2005), German mathematician, researcher in symbolic computation and dynamical systems

Geneviève Gauthier (born 1967), Canadian financial mathematician, statistician, and decision scientist

Véronique Gayrard, French probability theorist

Mai Gehrke (born 1964), Danish lattice theorist and mathematical logician

Hilda Geiringer (1893–1973), Austrian researcher on Fourier series, statistics, probability, and plasticity, refugee from Nazi Germany

Anne Gelb, American mathematician interested in numerical analysis, partial differential equations,

and Fourier analysis of images

Sue Geller, American mathematician with interdisciplinary interests in algebraic K-theory, bioinformatics, and biostatistics

Hélyette Geman, French researcher in mathematical finance

Ruth Gentry (1862–1917), American geometer

Sommer Gentry, American mathematician, applies dance notation to haptic interaction and operations research to organ transplants

Penka Georgieva, expert on enumerative geometry, symplectic topology, and Gromov–Witten invariants

Maria-Pia Geppert (1907–1997), German mathematician and biostatistician who founded the Biometrical Journal

Ralucca Gera, American graph theorist and mathematics educator

Teena Gerhardt (born 1980), American algebraic geometer

Sophie Germain (1776–1831), French number theorist, physicist, and philosopher, correspondent of Gauss

Marie Gernet (1865–1924), first German woman to earn a doctorate in mathematics

Nadeschda Gernet (1877–1943), Russian mathematician, student of David Hilbert, worked in the calculus of variations

Judith Gersting (born 1940), American mathematician, computer scientist, and textbook author

Ellen Gethner, American graph theorist

Patrizia Gianni (born 1952), Italian expert in computer algebra

Danuta Gierulanka (1909–1995), Polish mathematics educator and philosopher of mathematics

Irène Gijbels, Belgian mathematical statistician and expert in nonparametric statistics

Olga Gil Medrano (born 1956), Spanish geometric analyst, first female president of the Royal Spanish Mathematical Society

Anna C. Gilbert (born 1972), American expert in streaming algorithms and matching pursuit

Jane Piore Gilman (born 1945), topologist and group theorist, distinguished professor of mathematics at Rutgers University

Gloria Ford Gilmer, American ethnomathematician

Joella Gipson (1929–2012), American music educator and mathematics educator, first African-American student at Mt. St. Mary's College

Vivette Girault (born 1943), French expert on numerical analysis, finite element methods, and computational fluid dynamics

E. G. Glagoleva (1926–2015), Soviet and Russian mathematician, mathematics educator, and textbook author

Josephine Burns Glasgow (1887–1969), American group theorist, active in American Association of University Women

Muriel Glauert (1892–1949), British mathematician and aerodynamicist

Sarah Glaz (born 1947), Romanian-Israeli-American commutative algebraist and mathematical poet

Heide Gluesing-Luerssen (born 1961), German mathematician specializing in algebraic coding theory

Julia Gog, English mathematical biologist, uses mathematics to study the spread of infectious diseases

Linda Gojak, American mathematics educator, president of National Council of Teachers of Mathematics

Nüzhet Gökdo?an (1910–2003), Turkish astronomer and mathematician, founder of Turkish Mathematical Society

Bonnie Gold (born 1948), American mathematician, mathematical logician, philosopher of mathematics, and mathematics educator

Lisa Goldberg, American mathematical finance scholar and statistician

Rebecca Goldin, American expert in symplectic geometry

Christina Goldschmidt, British probability theorist

Catherine Goldstein (born 1958), French number theorist and historian of mathematics

Gisèle Ruiz Goldstein (born 1958), American expert in partial differential equations, operator theory, and mathematical finance

Susan Goldstine, American mathematician active in mathematics and fiber arts

Shafi Goldwasser (born 1958), American-born Israeli theoretical cryptographer

Concha Gómez, Italian and Cuban-American mathematician and advocate for diversity in STEM

Patricia Gonçalves, Portuguese probability theorist

Sherry Gong, second American gold medal winner at International Mathematical Olympiad

Enriqueta González Baz (1915–2002), first woman to earn a mathematics degree in Mexico, founder of the Mexican Mathematical Society

Valentina Gorbachuk (born 1937), Ukrainian operator theorist

Maria Gordina (born 1968), Russian-American mathematical analyst

Carolyn S. Gordon (born 1950), isospectral geometer who proved that you can't hear the shape of a drum

Julia Gordon, Canadian representation theorist, winner of Michler and Krieger–Nelson prizes

Pamela Gorkin, American complex analyst and textbook author

Sigal Gottlieb, American expert in numerical simulation of the partial differential equations used in aerodynamics

Aline Gouget (born 1977), French cryptographer

Mary de Lellis Gough (1892–1983), American mathematician

Alice Bache Gould (1858–1953), American mathematician and historian

Gene Grabeel (1920–2015), American mathematician and cryptanalyst who founded the Venona project

Judith Grabiner (born 1938), American historian of 18th- and 19th-century mathematics

Eva-Maria Graefe, German-English mathematical physicist, expert in ultracold atoms and Non-Hermitian quantum mechanics

Christine Graffigne (born 1959), French expert on Markov random fields for image analysis

Maria Gramegna (1887–1915), Italian mathematician, pioneer of abstraction in functional analysis

Evelyn Boyd Granville (1924–2023), one of the first African-American women to receive a PhD in mathematics

Antonella Grassi, mathematician specializing in algebraic geometry and string theory

Mary Graustein (1884–1972), American mathematician, first mathematical doctorate from Radcliffe College

Marion Cameron Gray (1902–1979), Scottish telephone engineer, discoverer of the Gray graph

Mary W. Gray (born 1939), author on mathematics, mathematics education, economic equity, discrimination law, and academic freedom

Judy Green (born 1943), logician and historian of women in mathematics

Anne Greenbaum (born 1951), American expert in theoretical and numerical linear algebra

Catherine Greenhill, Australian graph theorist

Sarah J. Greenwald, American mathematician, studies connections between mathematics and society

Cindy Greenwood (born 1937), Canadian statistician, winner of Krieger-Nelson Prize

Sina Greenwood, New Zealand topologist

Ruth Gregory, British mathematical physicist specializing in general relativity and cosmology

Margaret Greig (1922–1999), English applied mathematician, developed theory for worsted spinning

Harriet Griffin (1903–1991), American mathematician, author of a textbook on number theory

Lois Wilfred Griffiths (1899–1981), American expert on polygonal numbers

Laura Grigori, French applied mathematician, known for communication-avoiding algorithms for numerical linear algebra

Ellina Grigorieva, Russian expert on mathematical problem solving

Elisenda Grigsby, American low-dimensional topologist

Clara Grima (born 1971), Spanish computational geometer, co-discoverer of scutoids, mathematics popularizer

Margaret Grimshaw (1905–1990), English mathematician at Cambridge and author on Hilbert spaces

Birgit Grodal (1943–2004), Danish mathematical economist, studied atomless economies

Ione Grogan (1891–1961), American schoolteacher, mathematics professor, and literary club leader

Edna Grossman, German-born American designer of the Data Encryption Standard and of the slide attack in cryptography

Marcia Groszek, American mathematician whose research concerns mathematical logic, set theory, forcing, and recursion theory

Gerd Grubb (born 1939), Danish expert on pseudodifferential operators

Helen G. Grundman, American number theorist

Weiqing Gu, Chinese-American researcher on differential geometry and the mathematics of cancer growth

Rebeca Guber (1926–2020), Argentine mathematician, founder of Argentine Calculation Society

Christine Guenther, American expert on the Ricci flow

Laura Guggenbühl (1901–1985), American mathematician known for her work in triangle geometry and the history of mathematics

Colette Guillopé, French researcher in partial differential equations and fluid dynamics, former president of femmes et mathématiques

Joséphine Guidy Wandja (born 1945), Ivorian mathematician

Alice Guionnet (born 1969), French probability theorist

Geneviève Guitel (1895–1982), French mathematician who studied natural-language numbering systems

Kanta Gupta (1938–2016), Indian-Canadian researcher on abstract algebra and group theory

Neena Gupta, Indian mathematician who solved the Zariski cancellation problem

Rona Gurkewitz, American mathematician and computer scientist known for her work on modular origami

Margaret Gurney (1908–2002), American mathematician, survey statistician, and pioneering computer programmer

Rochelle Gutierrez, American education theorist who studies the impacts of race, class and language on mathematics education

Simone Gutt (born 1956), Belgian differential geometer

Martha Guzmán Partida, Mexican functional analyst


H

Ancient Greek Egyptian mathematician Hypatia was the subject of many literary interpretations in the 19th and 20th centuries. Here, she is portrayed by Marie Spartali in an 1867 photograph by Julia Margaret Cameron.

Ruth Haas, American mathematician known for mentorship of other women mathematicians

Violet B. Haas (1926–1986), American control theorist

Naomi Habib, Israeli computational neuroscientist who researches genomics and genome engineering

Olga Hadži? (1946–1995), Serbian expert on fixed-point theorems

Dörte Haftendorn (born 1948), German mathematician, mathematics educator, and textbook author

Kari Hag (born 1941), Norwegian expert on quasiconformal mappings

Elisabeth Hagemann (born 1906), early German female doctorate in mathematics

Marjorie Hahn (born 1948), American probability theorist and tennis player

Deborah Tepper Haimo (1921–2007), Ukrainian-Palestinian-American classical analyst, third female president of the Mathematical Association of America

Susie W. Håkansson (born 1940), mathematics educator, director of the California Mathematics Project

Ursula Hamenstädt (born 1961), German differential geometry

Christine Hamill (1923–1956), English mathematician specializing in group theory and finite geometry

Mary-Elizabeth Hamstrom (1927–2009), American topologist

Xiaoying Han, Chinese mathematician who studies random dynamical systems and stochastic differential equations

Gila Hanna (born 1934), Canadian mathematics educator and philosopher of mathematics

Anita Hansbo (born 1960), Swedish mathematician, rector of Jönköping University

Megumi Harada, Canadian expert on equivariant symplectic and algebraic geometry

Eleonor Harboure (1948–2022), first woman president of the Argentina Mathematical Union

Alison Harcourt (born 1929), Australian mathematician and statistician known for branch and bound algorithms and quantification of poverty in Australia

Frances Hardcastle (1866–1941), group theorist, one of the founders of the American Mathematical Society

Kathryn E. Hare (born 1959), Canadian expert in harmonic analysis

Valentina Harizanov, Serbian-American researcher in computability and model theory

Dorothee Haroske (born 1968), German expert on function spaces

Heather Harrington (born 1984), applied mathematician and algebraic systems biologist

Leona Harris, American mathematician and diversity activist

Pamela E. Harris, Mexican combinatorist and mathematics blogger

Jenny Harrison, American expert on generalized functions and minimal surfaces

Frances Harshbarger (1902–1987), one of the first female American mathematicians to receive a doctorate

Bertha Hart, American mathematician

Sarah B. Hart, British group theorist

Shelly Harvey, American researcher in knot theory, low-dimensional topology, and group theory

Mary Gertrude Haseman (1889–1979), American knot theorist

Asma Hassannezhad, Iranian spectral geometer

Maria Hasse (1921–2014), German graph theorist, set theorist, and category theorist, first female professor in science at TU Dresden

Rhonda Hatcher, American number theorist, winner of Haimo teaching award

Deanna Haunsperger, American mathematician, former president of the Mathematical Association of America

Jane M. Hawkins, American researcher in dynamic systems, complex dynamics, cellular automata, and Julia sets

Louise Hay (1935–1989), founding member of the Association for Women in Mathematics

Linda B. Hayden (born 1949), African-American mathematics educator and mathematical geoscientist known for mentorship of women and minorities

Ellen Hayes (1851–1930), American mathematician, astronomer, and political radical

Margaret Hayman (1923–1994), British mathematics educator, co-founder of British Mathematical Olympiad

Euphemia Lofton Haynes (1890–1980), first African-American woman to earn a PhD in mathematics

Nola Anderson Haynes (1897–1996), American mathematician, professor

Sarah D. Allen Oren Haynes (1836–1907), first female state librarian of Indiana and first female faculty member at Purdue University

Teresa W. Haynes (born 1953), American expert on domination in graphs

Emilie Virginia Haynsworth (1916–1985), American linear algebraist known for Schur complements and Haynsworth inertia additivity formula

Olive Hazlett (1890–1974), American algebraist at the University of Illinois

Sandra Mitchell Hedetniemi (born 1949), American researcher in graph theory and graph algorithms

Maria Heep-Altiner (born 1959), German mathematician and actuary

Jane Heffernan, Canadian mathematician who studies mathematical models for the spread of infectious disease

Katherine Heinrich (born 1954), Canadian combinatorialist, first female president of Canadian Mathematical Society

Christine Heitsch, American expert on the mathematics of RNA structure

Diane Henderson, American applied mathematician and experimental fluid dynamics researcher

Nadia Heninger (born 1982), American cryptographer, computer security expert, and computational number theorist

Cora Barbara Hennel (1888–1947), American mathematician, first woman to earn a doctorate in mathematics at the Indiana University

Dagmar R. Henney (1931–2023), German-American expert on additive set-values and Banach spaces

Inge Henningsen (born 1941), statistician, writer and feminist

Allison Henrich (born 1980), American knot theorist

Shandelle Henson (born 1964), American mathematician and mathematical biologist, expert on population dynamics

Rebecca A. Herb (born 1948), American researcher in abstract algebra and Lie groups

Raphaèle Herbin, French expert on the finite volume method

Grete Hermann (1901–1984), German mathematician and philosopher also noted for her work in physics and education

Susan Hermiller, American group theorist

Norma Hernández (born 1934), American mathematics educator, studied factors affecting Mexican-American mathematics students

Constance Anne Herschel (1855–1939), British lecturer in natural sciences and mathematics

Patricia Hersh (born 1973), American expert on algebraic and topological combinatorics

Bobby Hersom (born 1929), British mathematician and computer scientist

Kathryn Hess (born 1967), American mathematician who uses algebraic topology to understand structures in neurology and materials science

Silvia Heubach, German-American mathematician specializing in enumerative combinatorics, combinatorial game theory, and bioinformatics

Gloria Conyers Hewitt (born 1935), early African-American female mathematics PhD, MAA governor

Laurie Heyer, American mathematician specializing in genomics and bioinformatics

Patricia Hiddleston (1933–2017), Scottish and Rhodesian mathematician

Aparna Higgins, Indian-American graph theorist known for encouraging undergraduate research

Raegan Higgins, American mathematician, co-director of the EDGE program for Women

Nancy Hingston, American differential geometer

Wei Ho, American arithmetic geometer

Hoàng Xuân Sính (born 1933), first female Vietnamese mathematician, student of Grothendieck, founder of Thang Long University

Catherine Hobbs (born 1968), British singularity theorist, applies geometry to robotics

Dorit S. Hochbaum (born 1949), American expert on approximation algorithms for facility location, covering and packing, and scheduling

Marlis Hochbruck (born 1964), German expert on matrix exponentials and their applications to

differential equations

Maria Hoffmann-Ostenhof (born 1947), Austrian expert on the Schrödinger equation

Leslie Hogben, American mathematician specializing in graph theory and linear algebra, known for graduate mentorship

Nina Holden, Norwegian probability theorist

Judy A. Holdener (born 1965), American number theorist who simplified the proof of Touchard's theorem on perfect numbers

Barbara R. Holland (born 1976), New Zealand born Australian phylogeneticist

Lotte Hollands (born 1981), Dutch mathematical physicist

Tara S. Holm, American algebraic geometer and symplectic geometer

Olga Holtz (born 1973), Russian numerical analyst, winner of the European Mathematical Society Prize

Betty W. Holz (1919–2005), American mathematician and defense analyst

Jennifer Hom, American low-dimensional topologist

Dorothy McFadden Hoover (1918–2000), American human computer involved in the design of swept-wing aircraft

Grace Hopper (1906–1992), American computer scientist and United States Navy rear admiral

Eleanor Mollie Horadam (1921–2002), English-Australian mathematician, studied generalized integers, mother of Kathy

Kathy Horadam (born 1951), Australian mathematician, studies Hadamard matrices, daughter of Eleanor Mollie

Annick Horiuchi, French historian of Japanese mathematics

Anette Hosoi, American mechanical engineer, biophysicist, and mathematician, studies fluid dynamics, robotics, and bio-inspired design

Victoria Howle, American expert in numerical linear algebra, founded AWM essay contest

Susan Howson (born 1973), British mathematician known for work on algebraic number theory and arithmetic geometry

Rebecca Hoyle, British applied mathematician, expert on pattern formation

Celia Hoyles (born 1946), British mathematician, president of the Institute of Mathematics and its Applications

Christine Hrenya, American computational fluid dynamicist, expert in fluidization and multiphase flow

Pao-sheng Hsu, Mathematics educator, founder of AWM Teacher Partnership Program

Hu Hesheng (1928–2024), differential geometer, president of Shanghai Mathematical Society, member of Chinese Academy of Science

Lan-Hsuan Huang, Taiwanese-American geometric analyst and relativity theorist

Katharina T. Huber (born 1965), German mathematical biologist, expert in the foundations and visualization of phylogeny

Verena Huber-Dyson (1923–2016), Swiss-American group theorist and logician, expert on undecidability in group theory

Annette Huber-Klawitter (born 1967), German algebraic geometer, expert in the Bloch–Kato conjectures

Vera Huckel, American human computer at the National Advisory Committee for Aeronautics

Anne Lester Hudson, American expert in topological semigroups, mathematics educator, and mathematics competition coach

Hilda Phoebe Hudson (1881–1965), English researcher on Cremona transformations in algebraic geometry

Sabine Van Huffel (born 1958), Belgian applied mathematician, expert on total least squares and applications to medical diagnostics

Rhonda Hughes (born 1947), American wavelet researcher, president of the Association for Women

in Mathematics

Deborah Hughes Hallett, mathematics education reformer

Birge Huisgen-Zimmermann (born 1946), German-American representation theorist and ring theorist

Dominique Hulin (born 1959), French differential geometer

Mabel Gweneth Humphreys (1911–2006), Canadian-American number theorist and namesake of the M. Gweneth Humphreys Award

Eugénie Hunsicker, American mathematician who works at the intersection of analysis, geometry and topology

Fern Hunt (born 1948), American mathematician known for her work in applied mathematics and mathematical biology

Bobbie Hunter, New Zealand educational theorist and mathematics educator

Louise Stokes Hunter (died 1988), American mathematics educator, first African-American woman with a degree from the University of Virginia

Joan Hutchinson (born 1945), American graph theorist who extended the planar separator theorem to graphs of higher genus

Marie Hušková (born 1942), Czech mathematician who worked in theoretical statistics and change-point problems

Hypatia (died 415), head of the Neoplatonic school at Alexandria, murdered by a Christian mob


I


Milagros D. Ibe (born 1931), Filipino mathematics educator, vice chancellor of the University of the Philippines Diliman

Rosalie Iemhoff (born 1969), Dutch logician

Mihaela Ignatova, Bulgarian mathematical analyst

Marina Iliopoulou, Greek harmonic analyst and discrete geometer

Annette Imhausen (born 1970), German historian of ancient Egyptian mathematics

Helen Infeld (1907–1993), American-born mathematics professor who fled to Poland because of McCarthyism

Tasha Inniss, first African-American woman to earn a Ph.D. from the University of Maryland, director of education for INFORMS

Eleny Ionel, Romanian-American symplectic geometer

Alessandra Iozzi (born 1959), Italian-American-Swiss geometric group theorist

Ilse Ipsen, German-American expert in numerical linear algebra

Valerie Isham (born 1947), British applied probabilist, president of Royal Statistical Society

Shihoko Ishii (born 1950), Japanese mathematician specializing in algebraic geometry

Vanaja Iyengar ( –2001), founding vice chancellor of Sri Padmavati Mahila Visvavidyalayam, a women's university in Andhra Pradesh, India


J

Australian mathematician Nalini Joshi


Trachette Jackson (born 1972), researcher in mathematical oncology, second African-American woman to become a Sloan Fellow in mathematics

Jessie Marie Jacobs (1890–1954), fired from mathematics instructorship for having a child, aided husband Hermann Muller's Nobel-winning genetic research

Alex James, British and New Zealand applied mathematician, mathematical biologist, and epidemiologist

Cathérine Jami (born 1961), French historian of Chinese mathematics

Jeannette Janssen, Dutch and Canadian graph theorist

Monique Jeanblanc (born 1947), French financial mathematician

Lisa Jeffrey FRSC, Canadian expert in symplectic geometry and quantum field theory

Erica Jen, American applied mathematician, studies mathematical analysis of chaotic and complex behavior

Carrie Ichikawa Jenkins, Canadian philosopher of mathematics

Jacqueline Jensen-Vallin, American low-dimensional topologist, editor of MAA FOCUS

Svetlana Jitomirskaya (born 1966), Ukrainian mathematician working on dynamical systems and mathematical physics

Naomi Jochnowitz, American algebraic number theorist known for her mentorship of women in mathematics

Aimee Johnson, American expert on dynamical systems

Katherine Johnson (1918–2020), calculated the trajectory for Project Mercury and the 1969 Apollo 11 flight to the Moon

Marion Lee Johnson, African-American mathematician, helped calculate trajectories for the Apollo 11 Moon landing

Roberta Frances Johnson (1902–1988), American mathematics educator

Antonia J. Jones (1943–2010), British mathematician and computer scientist

Eleanor Jones (1929–2021), one of the first African American women to receive a PhD in mathematics

Shelly M. Jones, American mathematics educator

Nataša Jonoska (born 1961), Macedonian-American expert in DNA computing

Kerstin Jordaan, president of South African Mathematical Society

Artishia Wilkerson Jordan (1901–1974), African-American mathematics educator and clubwoman

Nicole M. Joseph, American scholar of mathematics education focusing on the experiences of African-American women and girls in mathematics

Nalini Joshi, researcher in differential equations, Australian Laureate Fellow, Hardy Lecturer, president of Australian Mathematical Society

Josephine Jue, Chinese-American mathematician, compiler, and programmer, first Asian-American woman at NASA


K

Sofya Kovalevskaya is known for her contributions to differential equations, and gives her name to the Cauchy-Kovalevskaya theorem, the fundamental existence result for analytic partial differential equations.

Margarethe Kahn (1880–c. 1942), one of the first female German doctorates, contributed to Hilbert's sixteenth problem

Suzan Kahramaner (1913–2006), one of the first female mathematicians in Turkish academia

Delaram Kahrobaei, Iranian-American applied algebraist and post-quantum cryptographer

Gabriele Kaiser, German mathematics educator

Nataliya Kalashnykova, Soviet-Mexican expert on bilevel optimization

Efstratia Kalfagianni, Greek-American topologist

Eva Kallin, American researcher in geometric axiom systems, functional algebra, and polynomial convexity

Gudrun Kalmbach (born 1937), German quantum logician

Anne-Sophie Kaloghiros, French algebraic geometer

Barbara Kaltenbacher, Austrian applied analyst, president of Austrian Mathematical Society

Hermine Agavni Kalustyan (1914–1989), Armenian-Turkish mathematician and politician

Constance Kamii (died 2023), Swiss-Japanese-American mathematics education scholar and

psychologist

Shoshana Kamin (born 1930), Soviet-Israeli mathematical physicist, wrote about parabolic partial differential equations

Rosella Kanarik (1909–2014), American mathematics professor and educator

Mihyun Kang, South Korean graph theorist

Chiu-Yen Kao (born 1974), Taiwanese-American expert in image processing and mathematical biology

Gizem Karaali, Turkish representation theorist, founding editor of Journal of Humanistic Mathematics

Mary Cordia Karl (1893–1984), American geometer

Carol Karp (1926–1972), American researcher on infinitary logic, viola player

Yael Karshon (born 1964), Israeli-Canadian expert on symplectic geometry

Elaine Kasimatis, American discrete geometer and mathematics educator

Haya Kaspi (born 1948), Israeli probability theorist

Fanny Kassel (born 1984), French expert on Lie groups

Svetlana Katok (born 1947), Russian-American founder of Electronic Research Announcements of the AMS

Yoshie Katsurada (1911–1980), Japanese differential geometer, first Japanese woman with a doctorate or professorship in mathematics

Bruria Kaufman (1918–2010), Israeli theoretical physicist who collaborated with Einstein on general relativity

Kathleen Kavanagh, American mathematician, applies simulation-based engineering to water quality and sustainability

Elham Kazemi (born 1970), Iranian-American mathematics educator

Ailsa Keating, French-British symplectic geometer

Rinat Kedem (born 1965), American mathematician and mathematical physicist

Linda Keen (born 1940), American mathematician and computer scientist, president of AWM

Lyudmila Keldysh (1904–1976), Russian set theorist and geometric topologist

Ruth Kellerhals (born 1957), Swiss expert on hyperbolic geometry, geometric group theory and polylogarithm identities

Christine Kelley, American coding theorist, director of Project NExT

Julia Kempe, French, German, and Israeli researcher in quantum computing

Claribel Kendall (1889–1965), one of the founders of the Rocky Mountain Section of the MAA

Juliette Kennedy, mathematical logician in Finland

Patricia Clark Kenschaft (born 1940), American mathematician, prolific book author, and activist for equity and diversity

Autumn Kent, American mathematician specializing in topology and geometry, promoter of transgender rights

Deborah Kent (born 1978), American historian of mathematics

Leah Keshet, Israeli-Canadian mathematical biologist, first female president of the Society for Mathematical Biology

Radha Kessar, Indian mathematician known for her research in the representation theory of finite groups

Jennifer Key, South African mathematician, expert on group theory, finite geometry, combinatorial designs, and coding theory

Barbara Keyfitz (born 1944), Canadian-American researcher on nonlinear partial differential equations, president of AWM and ICIAM

Lily Khadjavi, American mathematician, author on mathematics for social justice

'Mamphono Khaketla (born 1960), Lesotho mathematician, senator, and finance minister

Olga Kharlampovich (born 1958), Russian-Canadian group theorist who solved the Tarski

conjecture on first-order theories of free groups

Carolyn Kieran, Canadian mathematics educator

Anna Kiesenhofer (born 1991), Austrian cyclist and mathematical physicist

Misha Kilmer, American applied mathematician known for research in numerical linear algebra and scientific computing

Eun Jung Kim, South Korean researcher in parameterized complexity and graph width

Ju-Lee Kim (born 1969), Korean-American expert on the representation theory of p-adic groups

Chawne Kimber (born 1971), African-American mathematician and quilter, incorporates social justice into mathematics teaching

Amy C. King (1928–2014), American mathematics educator

Angie Turner King (1905–2004), American mathematics and chemistry educator

Karen D. King (1971–2019), African-American mathematics educator and Falconer Lecturer

L. Christine Kinsey, American topologist and textbook author

Faina Mihajlovna Kirillova (born 1931), Belarusian optimal control theorist

Vivien Kirk, New Zealand dynamical systems theorist, president of New Zealand Mathematical Society

Ellen Kirkman, American algebraist

Denise Kirschner, American mathematical biologist and immunologist

Frances Kirwan (born 1959), British specialist in algebraic and symplectic geometry

Virginia Kiryakova, Bulgarian mathematician, expert on fractional calculus and special functions

Jane Kister, British-American mathematical logician, editor of Mathematical Reviews

Tinne Hoff Kjeldsen, Danish researcher in mathematics education and the philosophy and history of mathematics

Kathrin Klamroth (born 1968), German expert on combinatorial optimization and facility location

Erica Klarreich (born 1972), American geometer and writer

Maria Klawe (born 1951), Canadian-American theoretical computer scientist, president of Harvey Mudd College

Caroline Klivans, American algebraic combinatorist, expert on chip-firing games

Ma?gorzata Klimek (born 1957), Polish mathematician, expert on fractional calculus

Genevieve M. Knight (1939–2021), African-American mathematics educator

Julia F. Knight, American specialist in model theory and computability theory

Sarah Koch (born 1979), American complex analyst and complex dynamicist

Eleanor Krawitz Kolchin (1927–2019), American mathematician, programmer, and astronomer, calculated orbits for the Apollo program

Tamara G. Kolda, American applied mathematician at Sandia National Laboratories

Natalia Komarova, Russian-American mathematician, studies cancer, language, gun control, pop music, and other complex systems

Nancy Kopell (born 1942), American researcher in the dynamics of the nervous system

Elaine Koppelman (1937–2019), American mathematician

Maria Korovina (born 1962), Russian research on functional spaces and differential equations

Yvette Kosmann-Schwarzbach (born 1941), French differential geometer, namesake of the Kosmann lift

Ekaterina Kostina, Belarusian-German expert on nonlinear optimization

Motoko Kotani (born 1960), Japanese discrete geometric analyst and academic administrator

Sofya Kovalevskaya (1850–1891), first major Russian female mathematician, worked in analysis, differential equations and mechanics

Bryna Kra (born 1966), American mathematician who applies dynamical systems in number theory and combinatorics

Edna Kramer (1902–1984), American mathematician and author of mathematics books

Gunilla Kreiss (born 1958), Swedish numerical analyst

Cecilia Krieger (1894–1974), third person and first woman to earn a Canadian mathematics PhD, translator of Sierpi?ski

Holly Krieger, American dynamical systems theorist

Anna Zofia Krygowska (1904–1988), Polish mathematician known for her work in mathematics education

Ewa Kubicka, Polish-American graph theorist and actuarial scientist

Vera Kublanovskaya (1920–2012), Russian inventor of the QR algorithm for computing eigenvalues and eigenvectors

Daniela Kühn (born 1973), German-English combinatorialist, expert on infinite graphs, winner of the Whitehead Prize

Radhika Kulkarni, Indian-American operations researcher, president of INFORMS

Angela Kunoth (born 1963), German numerical analyst

Frances Kuo, Taiwanese-Australian applied mathematician, expert on quasi-Monte Carlo methods

Krystyna Kuperberg (born 1944), Polish-American topologist who found a smooth counterexample to the Seifert conjecture

V?ra K?rková (born 1948), Czech expert in neural networks and approximation theory

Rachel Kuske (born 1965), American-Canadian expert on stochastic and nonlinear dynamics, asymptotic methods, and industrial mathematics

Klavdija Kutnar (born 1980), Slovenian algebraic graph theorist and academic administrator

Gitta Kutyniok (born 1972), German researcher in harmonic analysis, compressed sensing, and image processing


L

Olga Ladyzhenskaya proved the existence of long-time solutions of the Navier–Stokes equations in 2+1 dimensions.

Ada, Countess of Lovelace wrote the first computer program, an algorithm for computing Bernoulli numbers on the Analytical Engine.


Izabella ?aba (born 1966), Polish-Canadian specialist in harmonic analysis, geometric measure theory, and additive combinatorics

Carole Lacampagne, American mathematician known for her work in mathematics education and gender equality

Christine Ladd-Franklin (1847–1930), American psychologist, logician, and mathematician

Jeanne LaDuke (born 1938), American child actress, mathematical analyst, and historian of mathematics

Olga Ladyzhenskaya (1922–2004), Soviet mathematician, proved convergence of a finite difference method for Navier–Stokes

V. Lakshmibai, Indian-American expert on flag varieties and Schubert varieties

Matilde Lalín, Argentine-Canadian number theorist, expert on L-functions and Mahler measure

Lam Lay Yong (born 1936), Singaporean historian of mathematics, claimed Chinese origin for Hindu-Arabic numerals

Ailsa Land, British operations researcher known for developing branch and bound algorithms

Susan Landau (born 1954), American mathematician and computer scientist, known for internet security and denesting radicals

Mary Landers (1905–1991), American mathematician, activist for academic collective bargaining

Kerry Landman, Australian applied mathematician

Alicia Prieto Langarica, American applied mathematician

Tanja Lange, German number theorist and cryptographer

Amy Langville (born 1975), American college basketball star and expert on ranking systems

Loredana Lanzani (born 1965), Italian-American harmonic analyst

Glenda Lappan (born 1939), developed Connected Mathematics curriculum, led National Council of Teachers of Mathematics

Ruth Lara (1936–2000), Portuguese-Angolan educator, mathematician, translator, and activist, briefly first lady of Angola

Gillie Larew (1882–1977), American mathematician, first alumna of Randolph–Macon Woman's College to become full professor there

Jean Ann Larson, American set theorist and historian of mathematical logic

Elisabeth Larsson (born 1971), Swedish researcher in scientific computing

Irena Lasiecka (born 1948), Polish-American expert in control theory of partial differential equations

Renu C. Laskar (born 1932), Indian-American graph theorist, specialist in domination numbers and circular arc graphs

Klavdiya Latysheva (1897–1956), Soviet mathematician, contributed to differential equations, electrodynamics and probability

Monique Laurent (born 1960), French-Dutch expert in mathematical optimization

Kristin Lauter (born 1969), American researcher in elliptic curve cryptography, president of AWM

Anna Lawniczak (born 1953), Polish-Canadian applied mathematician and cellular automatist

Emille D. Lawrence, American topological graph theorist

Ruth Lawrence (born 1971), child prodigy, British-Israeli researcher in knot theory and algebraic topology

Snezana Lawrence, Yugoslav and British historian of mathematics

Anneli Cahn Lax (1922–1999), American mathematician, winner of the George Pólya Award

Anita Layton, Hong Kong-American applied mathematician who studies mathematical models of kidney function

Katherine Puckett Layton, American mathematics educator and textbook author

Lê Th? Thanh Nhàn (born 1970), Vietnamese mathematician, vice rector for Science at Thái Nguyên University, won Kovalevskaya Prize

Alice Lee (1858–1939), helped discredit craniology

Heisook Lee (born 1948), South Korean algebraist and algebraic coding theorist

Hollylynne Lee, American mathematics and statistics educator

Joceline Lega, French applied mathematician interested in nonlinear dynamics

Anne M. Leggett, American mathematical logician, editor of AWM Newsletter

Emma Lehmer (1906–2007), Russian-American mathematician known for work on reciprocity laws in algebraic number theory

Marguerite Lehr (1898–1987), pioneer in the use of television to teach mathematics

Tanya Leise, American biomathematician, expert in circadian rhythms

Joan Leitzel (born 1936), American mathematics educator and university administrator

Miriam Leiva, Cuban-American mathematics educator

Anne Lemaître (born 1957), Belgian applied mathematician, expert on orbital resonance and space debris

Mary Leng, British philosopher of mathematics

Frédérique Lenger (1921–2005), Belgian mathematics educator and leader of the New Math movement

Suzanne Lenhart (born 1954), American researcher in partial differential equations, president of AWM

Ulrike Leopold-Wildburger (born 1949), Austrian mathematical economist, applied mathematician, and operations researcher

Katrin Leschke (born 1968), German differential geometer, quaternionic analyst, and minimal surface theorist

Nandi Olive Leslie, American industrial mathematician

Gail Letzter (born 1960), American quantum group representation theorist and intelligence agency

executive

Annie Leuch-Reineck (1880–1978), Swiss mathematician and women's rights activist

Debbie Leung, Canadian expert in quantum communications

Rachel Levy (born 1968), American applied mathematician, mathematics educator, and blogger

Sophia Levy (1888–1963), American astronomer, numerical analyst, and mathematics educator

Marta Lewicka (born 1972), Polish expert in nonlinear elasticity

Florence Lewis (1877–1964), American mathematician and astronomer

Marie Lhuissier (born 1989), French mathematical storyteller and children's book author

Jing-Rebecca Li, applied mathematician in France, studies magnetic resonance imaging and Lyapunov equations

Sherry Li, Chinese-American developer of sparse parallel solvers for systems of linear equations

Winnie Li (born 1948), Chinese-American researcher in number theory, coding theory, automorphic forms, and spectral graph theory

Paulette Libermann (1919–2007), French specialist in differential geometry

Pamela Liebeck (1930–2012), British mathematician and mathematics educator

Lillian Rosanoff Lieber (1886–1986), American mathematics professor and author of popular books on science and mathematics

Magnhild Lien, Norwegian mathematician specializing in knot theory

Ewa Ligocka (1947–1922), Polish mathematical analyst and political activist

Nelly Litvak (born 1972), Russian and Dutch complex network theorist

Elizaveta Litvinova (1845–c. 1919), Russian mathematician and biographer, defied czar's order forbidding women to study abroad

Bonnie Litwiller (1937–2012), American mathematics educator and textbook author

Marie Litzinger (1899–1952), American number theorist

Chiu-Chu Melissa Liu (born 1974), Taiwanese-American researcher in algebraic geometry and symplectic geometry

Naomi Livesay (1916–2001), human computer and mechanical calculator programmer for the Manhattan Project

Klara Löbenstein (1883–1968), German researcher in algebraic geometry

Patti Frazer Lock (born 1953), American mathematics and statistics educator and textbook author

Deborah Frank Lockhart, administrator at the National Science Foundation

Susan Loepp (born 1967), American algebraist and cryptographer

Marina Logares (born 1976), Spanish geometer and LGBT+ activist

Mayme Logsdon (1881–1967), American algebraic geometer and mathematics educator

Louise Zung-nyi Loh (1900–1981), Chinese mathematician, physicist, and educator

Sara Lombardo, Italian mathematician, expert on rogue waves and integrable systems

Ling Long (mathematician), Chinese-American expert on modular forms, elliptic surfaces, and dessins d'enfants

Lynette Long, American psychologist, mathematics educator, and textbook author

Carlotta Longo (1895- after 1959), Italian mathematical physicist and high school teacher

Judith Q. Longyear (1938–1995), American researcher in graph theory and combinatorics

Maria Laura Moura Mouzinho Leite Lopes (1917–2013), first Brazilian woman to earn a doctorate in mathematics

Paola Loreti, Italian researcher in Fourier analysis, control theory, and non-integer bases

Lisa Lorentzen, Norwegian mathematician and author, specializing in continued fractions

Dawn Lott, African-American expert on numerical partial differential equations

Ada Lovelace (1815–1852), wrote the first computer program as part of her work on Babbage's Analytical Engine

María Teresa Lozano Imízcoz (born 1946), Spanish low-dimensional topologist

Sylvia Chin-Pi Lu (1928–2014), Chinese-American commutative algebraist

Katarzyna Lubnauer (born 1969), Polish probability theorist and politician

Edith Hirsch Luchins (1921–2002), Polish-American mathematician, experimented on psychology of mathematical problem solving

Maria Silvia Lucido (1963–2008), Italian mathematician, expert on the prime graphs of finite groups

Malwina ?uczak, Polish-Australian probability theorist

Monika Ludwig (born 1966), Austrian researcher in convex geometry, member of Austrian Academy of Sciences

Alessandra Lunardi (born 1958), Italian mathematical analyst

Xiaoyu Luo, Chinese and British applied mathematician, applies fluid dynamics and biomechanics to soft tissues

Élisabeth Lutz (1914–2008), French student of Weil, showed how to compute torsion subgroups of elliptic curves

Julie Lutz (born 1944), American astronomer and mathematician who studies planetary nebulae and symbiotic binary stars

Sonja Lyttkens (1919–2014), Swedish mathematician, first Swedish woman to obtain a permanent academic position in mathematics


M
Maryam Mirzakhani in Seoul, where she received her Fields Medal in 2014

Odile Macchi (born 1943), French mathematician and physicist

Marta Macho Stadler (born 1962), Basque expert on foliations and mathematical blogger

Barbara MacCluer, American expert on operator theory and author on functional analysis

Brenda MacGibbon, Canadian mathematician, statistician, and decision scientist

Sheila Scott Macintyre (1910–1960), Scottish researcher on the Whittaker constant, co-author of German–English mathematics dictionary

Iris Mack (1956–2022), American financial mathematician and edutainment author

Annie MacKinnon (1868–1940), Canadian-born American mathematician, third woman to earn a mathematics doctorate at an American university

Diane Maclagan (born 1974), expert on toric varieties, Hilbert schemes, and tropical geometry

Chrystal Macmillan (1872–1937), Scottish Liberal politician, barrister, feminist and pacifist, first female honours graduate in mathematics from University of Edinburgh

Jessie MacWilliams (1917–1990), English researcher on error-correcting codes

Kathleen Madden, American expert on dynamical systems

Isabel Maddison (1869–1950), British mathematician known for her work on differential equations

Penelope Maddy (born 1950), American philosopher of mathematics

Urmila Mahadev, American quantum computing researcher

Dorothy Maharam (1917–2014), American mathematician who made important contributions to measure theory

Carolyn A. Maher, American expert in mathematics education

Carolyn Mahoney (born 1946), African-American combinatorialist, president of Lincoln University of Missouri

Apala Majumdar, British expert on liquid crystals

Larisa Maksimova (born 1943), Russian mathematical logician

Agnieszka Malinowska, Polish expert on fractional calculus and the calculus of variations

Maryanthe Malliaris, American mathematician specializing in model theory

Marie-Paule Malliavin (1935–2019), French algebraist

Vivienne Malone-Mayes (1932–1995), fifth African-American woman to earn a PhD in mathematics, researcher in functional analysis

Eugenia Malinnikova (born 1974), Russian-Norwegian expert in functional analysis and partial

differential equations

Claudia Malvenuto (born 1965), Italian mathematician known for her work on the Hopf algebra of permutations

Michelle Manes, American mathematician interested in number theory, algebraic geometry, and dynamical systems

Kathryn Mann, geometric topologist and geometric group theorist

Cristina Manolache, British algebraic geometer

Renata Mansini (born 1968), Italian applied mathematician, uses mathematical optimization for portfolio balancing

Elizabeth Mansfield, Australian expert on moving frames and conservation laws

Lisa Mantini, American mathematician

Elena Mantovan, Italian-American arithmetic geometer

María Manzano (born 1950), Spanish mathematical logician

Elena Marchisotto (born 1945), American mathematician, mathematics educator, and historian of mathematics

Anna Marciniak-Czochra (born 1974), Polish applied mathematician and mathematical biologist

Matilde Marcolli (born 1969), Italian mathematical physicist

Fotini Markopoulou-Kalamara (born 1971), Greek theoretical physicist interested in foundational mathematics and quantum mechanics

Hannah Markwig (born 1980), German researcher in tropical geometry

Alison Marr (born 1980), American graph theorist and advocate of inquiry-based learning

Karen Marrongelle, American mathematics educator and academic administrator

Bethany Rose Marsh, British expert in cluster algebras and tilting theory

Susan H. Marshall, American number theorist

Maia Martcheva, Bulgarian-American mathematical biologist

Laura Martignon (born 1952), Colombian-Italian researcher in neuroscience and decision-making

Emilie Martin (1869–1936), American group theorist

Mireille Martin-Deschamps, French algebraic geometer, president of Société mathématique de France

Consuelo Martínez (born 1955), Spanish algebraist

María del Carmen Martínez Sancho (1901–1995), first woman in Spain to gain a PhD in Mathematics

Verónica Martínez de la Vega (born 1971), Mexican hypertopologist

Katalin Marton (1941–2019), Hungarian information and probability theorist

Susan Martonosi, American mathematician, applies operations research to counter-terrorism, epidemiology, and sports analytics

Roswitha März (born 1940), German expert on differential-algebraic equations

Verdiana Masanja (born 1954), first Tanzanian woman to earn a doctorate in mathematics

Joanna Masingila (born 1960), American mathematics educator

Vera Nikolaevna Maslennikova (1926–2000), Russian researcher on partial differential equations, hydrodynamics of rotating fluids, and function spaces

Maura Mast, Irish-American differential geometer, mathematics educator, textbook author, and academic administrator

Claire Mathieu (born 1965), French algorithms researcher

Gordana Matic, Croatian-American low-dimensional topologist, expert on contact topology

Kaisa Matomäki (born 1985), Finnish number theorist known for her work on multiplicative functions over short intervals

Gretchen Matthews (born 1973), American algebraic coding theorist

Lilian Matthiesen, applies Fourier analysis to Diophantine geometry

Laura Matusevich, Argentine commutative algebraist

Margaret Maxfield (1926–2016), American mathematician and mathematics book author

Lola J. May (1923–2007), American mathematics educator and early proponent of new math

Svitlana Mayboroda (born 1981), Ukrainian-American expert on boundary value problems for elliptic partial differential equations

Ellen Maycock (born 1950), American functional analyst and mathematics educator

Joanna Isabel Mayer (1904–1991), American mathematician and educator

Francesca Mazzia (born 1967), Italian numerical analyst

Anna Mazzucato, American expert on fluid dynamics

Shirley McBay (1935–2021), first African-American doctorate at the University of Georgia

Mary McCammon (c.?1928 – 2008), first woman to complete a doctoral degree in mathematics at Imperial College London

Maeve McCarthy, Irish mathematician interested in inverse problems and biological modeling

Lynne McClure, British mathematics educator

Allison McCoy, American bioinformatician specializing in applied clinical informatics

Dorothy McCoy (1903–2001), American mathematician, first female doctorate in mathematics at University of Iowa

Janet McDonald (1905–2006), American geometer

Dusa McDuff FRS (born 1945), English researcher on symplectic geometry, winner of Satter Prize, first female Hardy Lecturer

Elizabeth McHarg (1923–1999), Scottish mathematician and translator, first female president of Edinburgh Mathematical Society

Lois Curfman McInnes, American researcher on numerical solution of nonlinear partial differential equations for scientific applications

Camille McKayle (born 1964), Afro-Jamaican-American mathematician and academic administrator

Danica McKellar (born 1975), American actor, author, mathematician, and education advocate

Joyce McLaughlin (1939–2017), American researcher in inverse problems

Jeanette McLeod, New Zealand combinatorialist, popularizes mathematics through crochet and origami

Jennifer McLoud-Mann, Cherokee mathematician who discovered the 15th and last class of convex pentagons that tile the plane

Jenny McNulty, American matroid theorist and academic administrator

Sallie Pero Mead (1893–1981), American human computer and radar engineer

Catherine Meadows, American cryptographer who formally verifies cryptographic protocols

Florence Marie Mears (1896–1995), American specialist in summation methods

Elizabeth Meckes (1980–2020), American probability theorist

Nicole Megow, German discrete mathematician and theoretical computer scientist, researcher in scheduling algorithms

Ulrike Meier Yang, German-American expert on numerical algorithms for scientific computing

Beatrice Meini (born 1968), Italian computational mathematician and numerical analyst

Sylvie Méléard, French probability theorist

Pauline Mellon, Irish functional analyst, president of Irish Mathematical Society

Karin Melnick, American differential geometer

Teresa Melo (born 1966), Portuguese mathematician and operations researcher

Florence Merlevède, French probability theorist

Helen Abbot Merrill (1864–1949), American mathematician, educator and textbook author

Winifred Edgerton Merrill (1862–1951), first woman with a degree from Columbia University and first American female doctorate in mathematics

Adele Merritt, American applied mathematician and intelligence officer

Uta Merzbach (1933–2017), German-American historian of mathematics, first Smithsonian curator of mathematical instruments

Vilma Mesa, Colombian-American mathematics educator

Chikako Mese, American differential geometer

Jill P. Mesirov, American mathematician, computer scientist, and computational biologist, president of AWM

Jaqueline Mesquita (born 1985), Brazilian mathematician specializing in differential equations

Dora Metcalf (1892–1982), British mathematician and data analysis entrepreneur

Ida Martha Metcalf (1857–1952), second American female doctorate in mathematics

Catherine Meusburger (born 1978), German mathematical physicist interested in string theory

Ariane Mézard, French arithmetic geometer

Marie-Louise Michelsohn (born 1941), American researcher on complex geometry, spin manifolds, the Dirac operator, and algebraic cycles

Ruth I. Michler (1967–2000), American commutative algebraist and algebraic geometer

Kaisa Miettinen (born 1965), Finnish industrial optimization researcher and academic administrator

Ana Millán Gasca (born 1964), Spanish historian of science and scholar of mathematics education

Alison Miller, first American female gold medalist in the International Mathematical Olympiad, three-time Elizabeth Lowell Putnam award winner

Laura Miller, American mathematician, applies fluid dynamics to insect flight and jellyfish propulsion

Maggie Miller, American low-dimensional topologist

Mirka Miller (1949–2016), Czech-Australian graph theorist, data security expert

Margaret Millington (1944–1973), English expert on modular forms

Susan Milner, Canadian mathematics educator, popularizer of mathematics through puzzles and games

Eva Miranda, Spanish expert on symplectic dynamics

Marie Lynn Miranda, American data scientist and professor of applied computational mathematics and statistics

Rosa M. Miró-Roig (born 1960), Spanish algebraic geometer and commutative algebraist

Maryam Mirzakhani (1977–2017), first female Fields medalist; researcher on the symmetry of curved surfaces

Yuliya Mishura, Ukrainian probability theorist and mathematical finance expert

Josephine M. Mitchell (1912–2000), Canadian-American mathematical analyst, victim of discriminative application of anti-nepotism rules

Dorina Mitrea (born 1965), Romanian-American functional analyst and mathematics educator

Irina Mitrea, Romanian-American researcher in partial differential equations known for outreach to women and minorities

Yash Mittal (born 1941), first female program director for probability at US National Science Foundation

Atsuko Miyaji (born 1965), Japanese cryptographer and number theorist

Reiko Miyaoka (born 1951), Japanese geometer known for her research on hypersurfaces

Fatma Moalla (born 1939), first Tunisian woman to earn a French doctorate in mathematics

Colette Moeglin (born 1953), French expert on automorphic forms

Joanne Moldenhauer (1928–2016), American high school mathematics teacher

Amanda Montejano, Mexican graph theorist, expert in coloring geometric graphs

Clemency Montelle (born 1977), New Zealand historian of Indian mathematics and astronomy

Susan Montgomery (born 1943), American researcher in noncommutative algebra

Helen Moore, American mathematician who applies control theory to combination therapy in the health industry

Gisèle Mophou, Cameroonian numerical analyst in the French Antilles

Cathleen Synge Morawetz (1923–2017), Canadian-American researcher on the partial differential equations governing fluid flow

Anne C. Morel, American logician, order theorist, and algebraist, first female full professor of mathematics at the University of Washington

Sophie Morel (born 1979), French number theorist and contributor to the Langlands program, first female tenured mathematics professor at Harvard

Eugenie Maria Morenus (1881–1966), American mathematician and professor

Susan Morey, American mathematician specializing in commutative algebra

Carolyn Morgan, American statistician and applied mathematician

Hélène Morlon (born 1978), French mathematical biologist, models biodiversity

Irene Moroz, British applied mathematician

Joy Morris (born 1970), Canadian researcher on groups and graphs

Kirsten Morris (born 1960), Canadian control theorist

Rosa M. Morris (1914–2011), Welsh applied mathematician and aerodynamicist

Jennifer Morse, American algebraic combinatorialist

Rose Morton (1925–1999), American expert in the mathematical modeling of bubbles

Joan Moschovakis, American intuitionistic logician

Ruth Moufang (1905–1977), German researcher on non-associative algebraic structures, namesake of Moufang loops

Magdalena Mouján (1926–2005), Argentine mathematician of Basque descent, operations researcher, computing pioneer, and science fiction author

Nežka Mramor–Kosta, Slovenian mathematician

Jennifer Mueller, American applied mathematician, expert in inverse problems and electrical impedance tomography

Edith Alice Müller (1918–1995), Swiss mathematician and astronomer, studied the group theory of Moorish tile designs

Anna Mullikin (1893–1975), American mathematician, early investigator of point set theory

Irene Mulvey, American mathematician, president of American Association of University Professors

Anca Muscholl (born 1967), Romanian-German mathematical logician and theoretical computer scientist

Kieka Mynhardt (born 1953), South African and Canadian expert on dominating sets in graph theory

Emmy Murphy, American symplectic geometer

Cecilia Wangechi Mwathi (1963–2011), Kenyan mathematician and union activist, first woman in Kenya to become a mathematics professor

Valerie Myerscough (1942–1980), British mathematician and astrophysicist

Vera Myller (1880–1970), Russian mathematician and student of David Hilbert, first female professor in Romania

Wendy Myrvold, Canadian graph theorist, combinatorist, and algorithms researcher


N

Emmy Noether has been called "the greatest woman mathematician of all time".[5] In the early 1920s she developed the modern formulation of ring theory. She is also known for a result in the calculus of variations known as Noether's theorem, which relates symmetries to conservation laws.

Anna Nagurney, Ukrainian-American mathematician, economist, educator and author in operations management

Hasibun Naher, Pakistani applied mathematician who studies tsunamis

Andrea R. Nahmod (born 1964), American expert in nonlinear Fourier analysis, harmonic analysis, and partial differential equations

Pia Nalli (1884–1964), Italian researcher in functional analysis and tensor calculus

Seema Nanda, Indian researcher in applications of mathematics to biology, engineering and finance

Mangala Narlikar, Indian number theorist, author of Marathi-language mathematics books for schoolchildren

Tamilla Nasirova (1936–2023), Azerbaijani probability theorist

Sonia Natale (born 1972), Argentine expert in abstract algebra

Caryn Navy (born 1953), blind American researcher in set-theoretic topology and Braille technology

Lyudmyla Nazarova, Ukrainian representation theorist

Vicky Neale, British number theorist and mathematics popularizer

Gabriele Nebe (born 1967), German researcher on sphere packings, lattices, and codes

Deanna Needell, American applied mathematician, won 2016 IMA Prize in Mathematics and Applications

Sara Negri (born 1967), Italian-Finnish proof theorist

Evelyn Nelson (1943–1987), Canadian researcher in universal algebra with applications to theoretical computer science

Gail S. Nelson (born 1959), American mathematician, textbook author, and editor-in-chief of the MAA "Problem Books"

Nancy Neudauer, American matroid theorist known for her work in mathematical outreach in Africa and South America

Claudia Neuhauser (born 1962), German-American mathematical biologist whose research concerns spatial ecology

Hanna Neumann (1914–1971), German-born mathematician who worked on group theory

Adriana Neumann de Oliveira, Brazilian expert in interacting particle systems

Mara Neusel (1964–2014), German-American invariant theorist and advocate for women in mathematics

Monica Nevins (born 1973), Canadian algebraist

Virginia Newell (born 1917), American mathematics educator, author, politician, and centenarian

Mary Frances Winston Newson (1869–1959), first female American to receive a PhD in mathematics from a European university

Sylvia de Neymet (1939–2013), First Mexican woman to earn a doctorate in mathematics in Mexico

Purity Ngina, Kenyan biomathematician

Giang Nguyen (born 1985), Vietnamese-Australian applied mathematician and chess master

Aoibhinn Ní Shúilleabháin (born 1983), Irish celebrity and mathematics lecturer

Nancy K. Nichols, British applied mathematician and numerical analyst

Olympia Nicodemi, American mathematician and mathematics educator interested in wavelets and the history of mathematics

Phyllis Nicolson (1917–1968), British developer of the Crank–Nicolson method for solving partial differential equations

Barbara Niethammer (born 1963), German expert on the growth of particles in liquids

Sofía Nieto (born 1984), Spanish mathematician and actress

Nilima Nigam, Indian-Canadian applied mathematician and mathematical physiologist

Stanis?awa Nikodym (1897–1988), first Polish woman to earn PhD in mathematics, known for research in continuum theory

Mila Nikolova (1962–2018), Bulgarian researcher in image processing, inverse problems, and compressed sensing

Kumiko Nishioka (born 1954), Japanese specialist on transcendental numbers and Mahler functions

Wies?awa Nizio?, Polish researcher in arithmetic algebraic geometry

Emmy Noether (1882–1935), German researcher in abstract algebra and theoretical physics, named "the greatest woman mathematician of all time"[5]

Margarita Nolasco Santiago, Mathematics textbook author, member of Puerto Rico Senate

Khalida Inayat Noor, Pakistani mathematical analyst

Dorothée Normand-Cyrot, French control theorist

Anne van den Nouweland, Dutch-American cooperative game theorist

Isabella Novik (born 1971), Israeli-American expert on algebraic and geometric combinatorics

Frieda Nugel (1884–1966), one of the first German women to obtain a doctorate in mathematics

Helena J. Nussenzveig Lopes, Brazilian mathematician known for her research on incompressible Euler equations

Kaisa Nyberg (born 1948), Finnish cryptographer

O

Katharine Elizabeth O'Brien (1901–1986), American mathematician, musician and poet

Vivian O'Brien (1924–2010), American applied mathematician and physicist, expert in fluid dynamics and visual perception

Hilary Ockendon, British applied mathematician, expert in fluid dynamics

Ortrud Oellermann, South African and Canadian graph theorist

Yoshiko Ogata, Japanese quantum mathematical physicist

Frédérique Oggier, Swiss and Singaporean coding theorist

Hee Oh (born 1969), Korean-American dynamical systems theorist, expert on equidistribution in fractal structures

Eve Oja (1948–2019), Estonian functional analyst

Christine O'Keefe, Australian researcher in finite geometry and information security

Kathleen Adebola Okikiolu (born 1965), British-American researcher on differential operators, developed curricula for inner-city children

Dianne P. O'Leary (born 1951), American expert on scientific computing, computational linear algebra, and the history of scientific computing

Janis Oldham (1956–2021), African-American differential geometer and mathematics educator

Olga Oleinik (1925–2001), Soviet researcher on partial differential equations, elastic media, and boundary layers

Dorte Olesen (born 1948), first Danish mathematician to be appointed full professor

Gloria Olive (1923–2006), American-born New Zealand mathematician

Déborah Oliveros, Mexican discrete and convex geometer

Kathleen Ollerenshaw (1912–2014), British mathematician and politician, mayor of Manchester, educational advisor to Margaret Thatcher

Yewande Olubummo (born 1960), Nigerian-American functional analyst

Rebecca Walo Omana (born 1951), first female mathematics professor in the Democratic Republic of the Congo

Cathy O'Neil, American arithmetic algebraic geometer and author on the social hazards of machine learning

Eugenia O'Reilly-Regueiro, Mexican algebraic combinatorist

Rosa Orellana, American mathematician specializing in algebraic combinatorics and representation theory

Ewa Or?owska (born 1935), Polish logician

Omayra Ortega, American mathematical epidemiologist

Laura Ortíz-Bobadilla, Mexican expert on holomorphic foliations

Hinke Osinga (born 1969), Dutch expert in dynamical systems, crocheted the Lorenz manifold

Barbara L. Osofsky (born 1937), American algebraist, first woman in 50 years to address a national AMS meeting, first female AMS journal editor

Mina Ossiander, American probability theorist

Sofiya Ostrovska (born 1958), Ukrainian probability theorist and approximation theorist

Marie Françoise Ouedraogo (born 1967), Burkinabé expert on pseudodifferential operators and superalgebras, president of African Women in Mathematics Association

Helen Brewster Owens (1881–1968), American suffragette, associate editor of the American Mathematical Monthly

Robyn Owens, Australian applied mathematician, studies computer vision including face

recognition and the imaging of lactation

P

In 1678, Elena Cornaro Piscopia became the first woman to earn a doctoral degree.
Lisa Piccirillo solved the Conway knot's slicing problem when she was a graduate student.

Ietje Paalman-de Miranda (1936–2020), Surinamese–Dutch mathematician, first female mathematics professor at University of Amsterdam

Harriet Padberg (1922–2014), mathematician, music therapist, and pioneer of algorithmic music composition

Mariolina Padula (died 2012), Italian expert on fluid dynamics

Christina Pagel, British German operations researcher, applies data analysis and mathematical modelling to health care

Eleanor Pairman (1896–1973), Scottish mathematician, developed methods to teach mathematics to blind students

Ilona Palásti (1924–1991), Hungarian researcher in discrete geometry, geometric probability, and random graphs

Pandrosion (4th century AD), ancient Greek mathematician predating Hypatia, developed an approximation for cube roots

Erika Pannwitz (1904–1975), German geometric topologist who proved that every knot has a quadrisecant

Anna Panorska, Polish-American expert on extreme events in stochastic processes and on the effect of weather on baseball

Greta Panova (born 1983), Bulgarian-American algebraic combinatorist

Theoni Pappas (born 1944), American mathematics teacher and author of books on popular mathematics

Raman Parimala (born 1948), Indian mathematician known for her contributions to algebra

Clare Parnell (born 1970), British astrophysicist and applied mathematician, studies the mathematics of the sun and of magnetic fields

Haesun Park, Korean-American researcher in numerical analysis and the data sciences

Jinyoung Park, South Korean combinatorist

Karen Parshall (born 1955), American historian of mathematics

Griselda Pascual (1926–2001), Spanish algebraic number theorist and mathematics translator

Bozenna Pasik-Duncan, Polish-American control theorist and mathematics educator

Maria Pastori (1895–1975), Italian mathematician, specialist in rational mechanics

Christine Paulin-Mohring (born 1962), French mathematical logician and computer scientist, developer of Coq theorem prover

Barbara Paulson (1928–2023), American human computer at NASA's Jet Propulsion Laboratory

Nataša Pavlovi?, Serbian–American expert in fluid dynamics and nonlinear dispersive equations

Sylvie Paycha (born 1960), French mathematician working in operator theory

Sandrine Péché (born 1977), French expert on random matrices

Jean Pedersen (1934–2016), American mathematician and author, expert on mathematical paper folding

Irena Peeva, American researcher in commutative algebra and its applications

Jeanne Peiffer (born 1948), Luxembourgian historian of mathematics

Magda Peligrad, Romanian probability theorist known for her work on stochastic processes

Beatrice Pelloni (born 1962), Italian expert on partial differential equations

Rose Peltesohn (1913–1998), German-Israeli researcher in additive combinatorics

Kirsi Peltonen, Finnish mathematician whose interests include differential geometry and the connections between mathematics and art

Charlotte Elvira Pengra (1875–1916), sixth American woman to receive a doctorate in mathematics

Cristina Pereyra (born 1964), Venezuelan mathematician, author of several books on wavelets and harmonic analysis

Hazel Perfect (died 2015), British combinatorialist, author, and translator, inventor of gammoids

Teri Perl (born 1926), American mathematics educator, educational software designer, and author

Bernadette Perrin-Riou (born 1955), French number theorist, winner of the Ruth Lyttle Satter Prize

Mary Perry Smith (1926–2015), American mathematics educator, founder of MESA program for under-privileged students

Karoline Pershell, American mathematician and roboticist

Laura Person, American low-dimensional topologist

Ilaria Perugia (born 1969), Italian applied mathematician and numerical analyst

Adriana Pesci, Argentine fluid dynamicist, expert on flagellar motion, soap films, and the Leidenfrost effect

Ma?gorzata Peszy?ska (born 1962), Polish-American applied mathematician, models geological flow in porous media

Rózsa Péter (1905–1977), recursion theorist, first woman elected to the Hungarian Academy of Sciences

Stefanie Petermichl (born 1971), German-French mathematical analyst, first female winner of the Salem Prize

Louise Petrén-Overton (1880–1977), first Swedish woman with a doctorate in mathematics

Guergana Petrova, Bulgarian applied mathematician, uses numerical methods to solve differential equations

Sonja Petrovi?, American mathematical statistician

Linda Petzold (born 1954), researcher in differential algebraic equations and simulation, member of National Academy of Engineering

Julia Pevtsova, Russian-American representation theorist

Mamokgethi Phakeng (born 1966), first black female South African to earn a PhD in mathematics education

Flora Philip (1865–1943), first female member of the Edinburgh Mathematical Society

Cynthia A. Phillips, American expert on combinatorial optimization

Dominique Picard (born 1953), French expert on the statistical applications of wavelets

Sophie Piccard (1904–1990), Russian-Swiss mathematician, first female full professor in Switzerland

Lisa Piccirillo, American low-dimensional topologist

Ragni Piene (born 1947), Norwegian algebraic geometer, member of the Norwegian Academy of Science and Letters

Lillian Pierce, American mathematician whose research connects number theory with harmonic analysis

Johanna Piesch (1898–1992), Austrian pioneer in switching algebra

Marie Anne Victoire Pigeon (1724–1767), French mathematician, writer, and teacher

Faustina Pignatelli (d. 1785), princess of Colubrano, second woman elected to the Academy of Sciences of Bologna

Gabriella Pinzari, Italian expert on the n-body problem

Jill Pipher (born 1955), researcher in harmonic analysis, Fourier analysis, differential equations, and cryptography, president of AWM

Laura Pisati (died 1908), Italian mathematician, first woman invited to speak at International Congress of Mathematicians

Elena Cornaro Piscopia (1646–1684), Italian philosopher, musician, and mathematics lecturer, first woman to earn a doctorate

Toniann Pitassi, American-Canadian computational complexity theorist, expert on proof complexity

Shirley Pledger, New Zealand mathematician and statistician known for her work on mark and

recapture methods

Vera Pless (1931–2020), American mathematician specializing in combinatorics and coding theory

Kim Plofker (born 1964), American historian of Indian mathematics, winner of the Brouwer Medal

Gerlind Plonka, German mathematician known for her work on refinable functions and curvelets

Eileen Poiani, American mathematician, first woman to teach mathematics at Saint Peter's University, first female president of Pi Mu Epsilon

Claudia Polini, Italian expert on commutative algebra

Harriet Pollatsek (born 1942), Lie theorist who has applied difference sets to error correcting codes and coding theory

Pelageya Polubarinova-Kochina (1899–1999), Soviet researcher in fluid mechanics, hydrodynamics, and history of mathematics

Elena Moldovan Popoviciu (1924–2009), Romanian functional analyst

Freda Porter (born 1957), American applied mathematician, groundwater consultant, and Native American leader

Claire Postlethwaite, New Zealand dynamical systems theorist

Yvonne Pothier (born 1937), Canadian mathematics educator, Catholic nun, and activist for refugees

Marian Pour-El (1928–2009), American mathematical logician and computable analyst

Victoria Powers, American real algebraic geometer and social choice theorist

Maria Assunta Pozio (died 2018), Italian expert on partial differential equations

Cheryl Praeger (born 1948), Australian researcher in group theory, algebraic graph theory and combinatorial designs

Malabika Pramanik, Indian-Canadian harmonic analyst

Norma Presmeg, South African and American mathematics education researcher

Eleanor C. Pressly (1918–2003), American mathematician and sounding rocket engineer

Emma Previato (1952–2022), researcher in algebraic geometry and partial differential equations

Candice Renee Price, American mathematician, advocate for greater representation of women and people of color in STEM

Rachel Justine Pries, American arithmetic geometer and Galois theorist

Hilary Priestley, British mathematician who used topological methods to study distributive lattices

Elena Prieto-Rodriguez, Spanish and Australian mathematician, theoretical computer scientist, and mathematics educator

Michela Procesi (born 1973), Italian expert in Hamiltonian partial differential equations

Dorette Pronk (born 1968), Dutch and Canadian category theorist and mathematics contest leader

Christine Proust (born 1953), French expert on Babylonian mathematics

Mileva Prvanovi? (1929–2016), Serbian differential geometer, first to earn a doctorate in geometry in Serbia

Danuta Przeworska-Rolewicz (1931–2012), Polish mathematician and resistance fighter in World War II

Mary Pugh, American-Canadian expert on thin films

Amber L. Puha, American probability theorist

Jessica Purcell, American and Australian low-dimensional topologist

Florence Purington (1862–1950), first dean of Mount Holyoke College

Ulla Pursiheimo (born 1944), Finnish control theorist who became the first female mathematics professor in Finland

Helena Pycior (born 1947), American historian of mathematics and expert on Marie Curie and human-animal relations

## Q

Martine Queffélec (born 1949), French expert in substitution dynamical systems and Diophantine

approximation

    Jennifer Quinn, American combinatorialist

    Peregrina Quintela Estévez (born 1960), Spanish applied mathematician


R

Lacking any formal training, Marjorie Rice conducted a systematic study of pentagon tiling, discovering four of the fifteen known types of tiling convex pentagons.


    Ami Radunskaya, American mathematician, specializes in dynamical systems and applications to medical problems, president of AWM

    Virginia Ragsdale (1870–1945), American specialist in algebraic curves, formulated the Ragsdale conjecture

    Alison Ramage, British expert in preconditioning methods for numerical linear algebra

    Kavita Ramanan, Indian-American probability theorist

    Mythily Ramaswamy (born 1954), Indian functional analyst and control theorist

    Susan Miller Rambo (1883–1977), second woman awarded a PhD from the University of Michigan, delegate to 1928 ICM

    Sujatha Ramdorai (born 1962), Indian-Canadian algebraic number theorist, expert on Iwasawa theory

    Saly Ruth Ramler (1894–1993), first woman to earn a mathematics doctorate from Charles University

    Jacqui Ramagge, Australian mathematician and academic administrator, president of Australian Mathematical Society

    Asha Rao, Indian-Australian mathematician and expert in cybersecurity

    Annie Raoult (born 1951), French applied mathematician, models cell membranes and other thin nanostructures

    Helena Rasiowa (1917–1994), Polish researcher in the foundations of mathematics and algebraic logic

    Marina Ratner (1938–2017), Russian-American ergodic theorist, member of National Academy of Sciences

    Cora Ratto de Sadosky (1912–1981), Argentine mathematician and human rights activist

    Geneviève Raugel (1951–2019), French numerical analyst and dynamical systems theorist

    Ethel Raybould (1899–1987), Australian mathematician and mathematics benefactor

    Adrienne Sophie Rayl (1898–1989), American mathematician and professor

    Michèle Raynaud (born 1938), French algebraic geometer

    Margaret Rayner (1929–2019), British expert on isoperimetric inequalities, president of Mathematical Association

    Michela Redivo-Zaglia, Italian numerical analyst

    Mary Lynn Reed (born 1967), American mathematician, intelligence researcher, and short fiction writer

    Mary Rees (born 1953), British specialist in complex dynamical systems

    Mina Rees (1902–1997), first female President of the American Association for the Advancement of Science

    Sarah Rees (born 1957), British group theorist

    Karin Reich (born 1941), German historian of mathematics and biographer of mathematicians

    M. Henrietta Reilly (1895–1964), American nun and mathematician

    Anna Barbara Reinhart (1730–1796), Swiss mathematician, wrote commentary on Newton's Principia

    Kristina Reiss (born 1952), German mathematics educator

    Idun Reiten (born 1942), Norwegian representation theorist, member of the Norwegian Academy of Science and Letters

    Kasia Rejzner (born 1985), Polish mathematical physicist

Yuriko Renardy, Australian-American expert in fluid dynamics

Rosemary Renaut, British and American computational mathematician

Barbara Reys (born 1953), American mathematics educator known for her research in number sense and mental calculation

Karen Rhea, American calculus educator and proponent of flipped classrooms

Ida Rhodes (1900–1986), American pioneer in computer programming, designed the first computer used for Social Security

Pilar Ribeiro (1911–2011), Portuguese mathematician, founded Portuguese Mathematical Society and Gazeta de Matemática

Marjorie Rice (1923–2017), American amateur mathematician who discovered new pentagon tilings

Joan L. Richards (born 1948), American historian of mathematics

Sophia Foster Richardson (1855–1916), American geometer and textbook author

Bettina Richmond (1958–2009), German-American algebraist, textbook author, and murder victim

Mary Rickett (1861–1925), British mathematician and educator

Cicely Ridley (1927–2008), British-American applied mathematician, developed codes for quantum chemistry and climate models

Christine Riedtmann (born 1952), Swiss algebraist, president of Swiss Mathematical Society

Eleanor Rieffel (born 1965), American applied mathematician interested in quantum computing, computer vision, and cryptography

Carol Jane Anger Rieke (1908–1999), American astronomer and mathematics educator

Edwina Rissland, American researcher on knowledge representation in mathematics and case-based reasoning in computational law

Beatrice Rivière (born 1974), French expert on numerical simulation of fluid flow through porous media

Catherine A. Roberts (born 1965), American applied mathematician and executive director of the American Mathematical Society

Rachel Roberts, American low-dimensional topologist

Siobhan Roberts, Canadian mathematical biographer

Vanessa Robins, Australian computational topologist

Julia Robinson (1919–1985), American researcher on diophantine equations, contributed to solution of Hilbert's Tenth Problem

Margaret M. Robinson, American number theorist and expert on zeta functions

Alvany Rocha, American specialist in Lie groups, computed characters of the Virasoro algebra

Eliane R. Rodrigues, Brazilian-Mexican researcher on stochastic models for pollution and health

Jana Rodriguez Hertz (born 1970), Argentine and Uruguayan mathematician

Rosana Rodríguez-López, Spanish expert on the application of fixed-point theorems to differential equations

Rubí Rodríguez, Chilean complex geometer, president of Chilean Mathematical Society

Josephine Robinson Roe (1858–1946), American mathematician and university professor

Sylvie Roelly (born 1960), French probability theorist

Alice Rogers, English expert on supermanifolds

Marie Rognes (born 1982), Norwegian researcher in scientific computing and numerical methods

Judith Roitman (born 1945), American specialist in set theory, topology, Boolean algebra, and mathematics education

Anna Romanowska, Polish abstract algebraist, first convenor of European Women in Mathematics

Dolores Romero Morales (born 1971), Spanish operations researcher

Colva Roney-Dougal, British computational group theorist

Anna Rönström (1847–1920), Swedish educator, school founder, and mathematician

Marian P. Roque, Filipina expert on partial differential equations, president of the Mathematical Society of the Philippines

Tatiana Roque, Brazilian historian of mathematics and politician

Ana Ros Camacho, Spanish mathematical physicist whose work connects superconductivity with quantum field theory

Frances A. Rosamond (born 1943), Australian researcher in parameterized complexity, advocate for women in computer science and mathematics

Lauren Lynn Rose, American mathematician active in mathematical outreach

Margit Rösler, German expert on harmonic analysis, special functions, and Dunkl operators

Mary G. Ross (1908–2008), first Native American female engineer, studied mathematics for aeronautics and celestial mechanics

Alida Rossander (1843–1909) and Jenny Rossander (1837–1887), Swedish mathematics teachers and women's rights activists

Corinna Rossi (born 1968), Italian Egyptologist and historian of Egyptian mathematics and architecture

Alice Roth (1905–1977), Swiss mathematician known for her invention of Swiss cheese spaces

Hildegard Rothe-Ille (1899–1942), German mathematician specializing in Ramsey theory

Linda Preiss Rothschild (born 1945), president of AWM, vice-president of AMS, co-editor-in-chief of Mathematical Research Letters

Emma Unson Rotor (1913–1998), Filipino-American physicist and mathematician, helped develop the proximity fuse

Christel Rotthaus, German-American researcher in commutative algebra

Svetlana Roudenko, Russian-American functional analyst

Christiane Rousseau (born 1954), French-Canadian mathematician, president of the Canadian Mathematical Society

Julie Rowlett (born 1978), American geometric analyst

Marie-Françoise Roy (born 1950), French expert in real algebraic geometry, co-founder of two organizations for women in mathematics

Julia Rozanska, Soviet topologist

Maria Aparecida Soares Ruas (born 1948), Brazilian singularity theorist

Jean E. Rubin (1926–2002), American expert on the axiom of choice

Mary Ellen Rudin (1924–2013), constructed many counterexamples in topology

Adela Ruiz de Royo (1943–2019), first lady of Panama

Mari-Jo P. Ruiz, Filipina graph theorist and operations researcher

Iris Runge (1888–1966), German applied mathematician, translator and biographer

Mary Beth Ruskai (1944–2023), proved subadditivity of quantum entropy, bounded the electrons in an atom, advocate for women in mathematics

Beulah Russell (1878–1940), American mathematician

Alma Johanna Ruubel (1899–1990, Estonian mathematician, developed curvilinear representational geometry

Barbara Falkenbach Ryan, American mathematician, computer scientist, statistician and business executive

Halina Ryffert (1916–1996), Polish cryptographer, mathematician, and professor of acoustics


S

Irene Sabadini, Italian hypercomplex analyst

Flora Sadler (1912–2000), Scottish mathematician and astronomer

Cora Sadosky (1940–2010), Argentine-American analyst, president of the Association for Women in Mathematics

Claudia Sagastizábal, Argentine-Brazilian researcher in convex optimization and energy management

Ay?e ?ahin, Turkish-American expert on dynamical systems

Laure Saint-Raymond (born 1975), French specialist in partial differential equations, member of the French Academy of Sciences

Reiko Sakamoto (born 1939), Japanese expert in hyperbolic boundary value problems

Adriana Salerno (born 1979), Venezuelan-American arithmetic geometer

Graciela Salicrup (1935–1982), Mexican pioneer in categorical topology

Judith D. Sally (1937–2024), American researcher in commutative algebra, Noether lecturer

Sema Salur, Turkish-American differential geometer

Jean E. Sammet (1928–2017), supervised the first scientific programming group, helped develop COBOL

Mildred Sanderson (1889–1914), American mathematician, established a correspondence between modular and formal invariants

Mary Sandoval, American global analyst and spectral geometer

Marta Sanz-Solé (born 1952), Catalan researcher on stochastic processes, president of the European Mathematical Society

Winifred Sargent (1905–1979), English researcher on integration theory and BK-spaces

Alessandra Sarti (born 1974), Italian algebraic geometer, namesake of Sarti surfaces

Ruth Lyttle Satter (1923–1989), American researcher on circadian rhythms, namesake of Ruth Lyttle Satter Prize in Mathematics

Linda Gilbert Saucier (born 1948), American mathematician, prolific textbook author

Lisa Sauermann (born 1992), German mathematician ranked third in the International Mathematical Olympiad Hall of Fame

Bonita V. Saunders, American expert on mathematical visualization

Carla Savage, American researcher on parallel algorithms and combinatorial generation, secretary of AMS

Cami Sawyer, American and New Zealand expert on distance learning in mathematics

Karen Saxe, American expert on functional analysis and social choice theory

Najiba Sbihi (born 1953), Moroccan graph theorist and operations researcher

Renate Scheidler (born 1960), German and Canadian computational number theorist

Jacquelien Scherpen, Dutch nonlinear control theorist

Carol Schumacher (born 1960), Bolivian-born American mathematician, author of inquiry-based learning textbooks

Jane Cronin Scanlon (1922–2018), American researcher in partial differential equations and mathematical biology

Alice T. Schafer (1915–2009), American differential geometer, founding member of the Association for Women in Mathematics

Sakura Schafer-Nameki, German mathematical physicist

Mary Schaps (born 1948), Israeli mathematician and academic administrator, researcher in deformation theory, group theory, and representation theory

Doris Schattschneider (born 1939), American mathematician known for writing about tessellations and the art of M. C. Escher

Michelle Schatzman (1949–2010), French numerical analyst

Katya Scheinberg, Russian-American expert on derivative-free continuous optimization

Anne Schilling, American algebraic combinatorialist, representation theorist, and mathematical physicist

Tamar Schlick, American applied mathematician who develops and applies tools for biomolecule modeling and simulation

Anja Schlömerkemper (born 1973), German applied mathematician, president of International Society for the Interaction of Mechanics and Mathematics

Karin Schnass (born 1980), Austrian expert on sparse dictionary learning

Leila Schneps (born 1961), American-French analytic number theorist and arithmetic geometer, archivist of Grothendieck's works

Anita Schöbel (born 1969), German operations researcher, expert on optimization for public transportation

Maria E. Schonbek (born 1979), Argentine-American researcher in fluid dynamics and associated partial differential equations

Carola-Bibiane Schönlieb (born 1979), Austrian mathematician known for her research in image analysis

Ida May Schottenfels (1869–1942), American group theorist

Lynn Schreyer, American applied mathematician, models porous media

Mary Leontius Schulte (1901–2000), American nun, mathematics educator, and historian of mathematics

Jennifer Schultens (born 1965), American low-dimensional topologist and knot theorist

Marie-Hélène Schwartz (1913–2013), French mathematician known for her work on characteristic numbers of spaces with singularities

Irene Sciriha, Maltese graph theorist

Jeanette Scissum, American mathematician known for her work on sunspot prediction

Charlotte Scott (1858–1931), British mathematician who promoted mathematical education of American women

Elizabeth Scott, American statistician

Jennifer Scott (born 1960), British numerical analyst

Catherine Searle, American differential geometer

Ruthmae Sears, Bahamian-American mathematics educator

Jennifer Seberry (born 1944), Australian cryptographer, mathematician, and computer scientist, one of the founders of Asiacrypt

Alexandra Seceleanu, Romanian commutative algebraist

Rose Whelan Sedgewick (c. 1904–2000), first person to earn a PhD in mathematics from Brown University

Esther Seiden (1908–2014), Polish-Israeli-American mathematical statistician known for her research on design of experiments and combinatorial design

Anna Seigal, British applied algebraic geometer

Annie Selden, American mathematics educator, one of the founders of the Association for Women in Mathematics

Svetlana Selezneva (born 1963), Russian expert on discrete functions

Helaine Selin (born 1946), American librarian, historian of science, and ethnomathematician

Muriel Seltman (1927–2019), British left-wing activist, mathematics educator, historian of mathematics, and author

Marjorie Senechal (born 1939), American expert on quasicrystals, author on history of science, editor-in-chief of The Mathematical Intelligencer

Adélia Sequeira, Portuguese applied mathematician specializing in modeling blood flow

Sylvia Serfaty (born 1975), French expert on superconductivity, winner of the European Mathematical Society Prize

Vera Serganova, Russian-American researcher on superalgebras and their representations

Caroline Series (born 1951), English specialist in hyperbolic geometry, Kleinian groups and dynamical systems

Lily Serna (born 1986), Israeli-Australian arithmetical guru of the SBS game show Letters and Numbers

Maria Serna, Spanish expert on graph layout and adversarial queueing theory

Cristina Sernadas (born 1951), Portuguese mathematical logician

Brigitte Servatius (born 1954), Austrian-American expert on matroids and structural rigidity

Nataša Šešum, expert in geometric flows

Lena L. Severance (1855–1942), American mathematician, expert on equipollences

Ingeborg Seynsche (1905–1994), one of the earliest women to earn a doctorate at the University of Göttingen

Jeanette Shakalli (born 1985), promoter of mathematics in Panama

Betty Shannon (1922–2017), mathematician and human computer, collaborator with husband Claude Shannon

Zorya Shapiro (1914–2013), Soviet mathematician, educator and translator

Tatyana Shaposhnikova (born 1946), Russian-Swedish researcher on multipliers in function spaces, partial differential operators, and history of mathematics

Mei-Chi Shaw (born 1955), Taiwanese-American researcher on partial differential equations

Mariya Shcherbina (born 1958), Ukrainian expert on random matrices

Amy Shell-Gellasch, American historian of mathematics and book author

Diana Shelstad (born 1947), Australian-American mathematician, formulated the fundamental lemma of the Langlands Program

Wenxian Shen, Chinese-American dynamical systems theorist

Irina Shevtsova (born 1983), Russian probability theorist

Brooke Shipley, American expert in homotopy theory and homological algebra

Rebecca Shipley, British applied mathematician and healthcare engineer

Tatiana Shubin, Soviet-American mathematician, founder of several mathematics circles

Patricia D. Shure, American mathematics educator and calculus reformer

Lesley Sibner (1934–2013), American differential geometer and Hodge theorist, produced a constructive proof of the Riemann–Roch theorem

Martha Siegel, American probability theorist and mathematics educator

Anna Sierpi?ska (born 1947), Polish-Canadian scholar of understanding and epistemology in mathematics education

Mary Silber, American expert in bifurcation theory and pattern formation

Alice Silverberg (born 1958), American number theorist and cryptographer

Ruth Silverman (c. 1936–2011), American computational geometer, founder of Association for Women in Mathematics

Evelyn Silvia (1948–2006), American functional analyst and mathematics educator

Rodica Simion (1955–2000), Romanian-American pioneer in the study of permutation patterns

Valeria Simoncini (born 1966), Italian numerical analyst

Lao Genevra Simons (1870–1949), American mathematician and historian of mathematics

Hourya Benis Sinaceur (born 1940), Moroccan expert in the theory and history of mathematics

Margaret P. Sinclair (1950–2012), Canadian mathematics educator

Mary Emily Sinclair (1878–1955), American mathematician, first woman to earn a doctorate in mathematics at the University of Chicago

Nathalie Sinclair (born 1970), Canadian researcher in mathematics education

Stephanie Singer, American mathematician and politician, author of books on symmetry

Sue Singer, British mathematics educator, president of Girls' Schools Association and Mathematical Association

Ajit Iqbal Singh (born 1943), Indian researcher in functional analysis and harmonic analysis

Sylvia Skan (1897–1972), British applied mathematician known for the Falkner–Skan boundary layer in fluid mechanics

Jessica Sklar (born 1973), American mathematician interested in abstract algebra, recreational mathematics, and the popularization of mathematics

Anna Skripka, Ukrainian-American noncommutative analyst

Gillian Slater, British mathematician and academic administrator, vice chancellor of Bournemouth University

Lucy Joan Slater (1922–2008), British expert on hypergeometric functions and the Rogers–Ramanujan identities

Angela Slavova, Bulgarian expert on waves and cellular neural networks, chair of SIAM

Alice Slotsky, American historian of mathematics and Assyriologist

Marian Small (born 1948), Canadian proponent of constructivist mathematical instruction

Ionica Smeets (born 1979), Dutch number theorist and science communicator

Deirdre Smeltzer (born 1964), American mathematician, mathematics educator, academic administrator, and textbook author

Sonja Smets, Belgian and Dutch mathematical logician, works on quantum logic and belief revision

Adelaide Smith (1878–1938), American mathematician, studied and taught internationally

Clara Eliza Smith (1865–1943), American mathematician specializing in complex analysis

Daphne L. Smith, first African-American woman to earn a Ph.D. in mathematics at the Massachusetts Institute for Technology

Karen E. Smith (born 1965), American specialist in commutative algebra and algebraic geometry

Kate Smith-Miles, Australian applied mathematician, president of Australian Mathematical Society

Leslie M. Smith (born 1961), American applied mathematician and engineering physicist working in turbulence

Martha K. Smith, American mathematics educator and non-commutative algebraist

Agata Smoktunowicz (born 1973), Polish-Scottish researcher in abstract algebra, constructed noncommutative nil rings

Nina Snaith (born 1974), British researcher in random matrix theory, quantum chaos, and zeta functions

Vera Šnajder (1904–1976), Bosnian mathematician, first Bosnian to publish in mathematics, first female dean in Yugoslavia

Alena Šolcová (born 1950), Czech applied mathematician and historian of mathematics

Priyanshi Somani (born 1998), Indian mental calculator

Mary Somerville (1780–1872), Scottish science writer and polymath, one of two first female members of the Royal Astronomical Society

Christina Sormani, American researcher on Riemannian geometry, metric geometry, and Ricci curvature

Vera T. Sós (1930–2023), Hungarian number theorist and combinatorialist

Chris Soteros, Canadian applied mathematician, studies biomolecules and the knot theory of random space curves

Hortensia Soto, Mexican-American mathematics educator

Marilda Sotomayor (born 1944), Brazilian mathematician, economist, and game theorist

Laila Soueif (born 1956), Egyptian mathematics professor and women's rights activist

Diane Souvaine (born 1954), American computational geometer, advocate for women and minorities in mathematics and gender neutrality in teaching

Ay?e Soysal (born 1948), Turkish mathematician, president of Bo?aziçi University

Angela Spalsbury (born 1967), American functional analyst and academic administrator

Mary Margaret Speer (1906–1996), American mathematician

Birgit Speh (born 1949), American expert in Lie groups, namesake of Speh representations

Domina Eberle Spencer (1920–2022), researcher on electrodynamics and field theory, founded fringe science organization Natural Philosophy Alliance

M. Grazia Speranza, Italian operations researcher, president of EURO and IFORS

Pauline Sperry (1885–1967), mathematician, musician, and astronomer, unconstitutionally fired from UC Berkeley for refusing to sign a loyalty oath

Dolores Richard Spikes (1936–2015), African-American mathematician, first female university chancellor and first female president of a university system in the US

Nicole Spillane (born 1988), French and Irish applied mathematician

Vera W. de Spinadel (1929–2017), Argentine-Austrian researcher on metallic means

Jean Springer (1939–2007), Jamaican-Canadian specialist in abstract algebra and academic administrator

Jane Squire (bap. 1686 – 1743), English mathematician studied solutions to finding longitude at sea

Bhama Srinivasan (born 1935), representation theorist, president of the Association for Women in Mathematics

Hema Srinivasan (born 1959), Indian-American mathematician specializing in abstract algebra and algebraic geometry

Kaye Stacey (born 1948), Australian mathematics educator

Tanja Stadler (born 1981), German mathematician, expert in phylogenetics

Gigliola Staffilani (born 1966), Italian-American researcher on harmonic analysis and partial differential equations

Anna Stafford (1905–2004), one of the first postdoctoral researchers at the Institute for Advanced Study

Helene Stähelin (1891–1970), Swiss mathematician, editor of Bernoulli family letters, and pacifist

Gwyneth Stallard, British expert on complex dynamics and the iteration of meromorphic functions

Katherine E. Stange, Canadian-American number theorist

Zvezdelina Stankova (born 1969), Bulgarian-American expert on permutation patterns, founder of the Berkeley Math Circle

Nancy K. Stanton, American researcher on complex analysis, partial differential equations, and differential geometry

Marion Elizabeth Stark (1894—1982), one of the first female American mathematicians to receive a doctorate

Anastasia Stavrova, Russian expert in algebraic groups, non-associative algebra, and algebraic K-theory

Jackie Stedall (1950–2014), British historian of mathematics

Angelika Steger (born 1962), German-Swiss expert on graph theory, randomized algorithms, and approximation algorithms

Irene Stegun (1919–2008), American mathematician who edited a classic book of mathematical tables

Gabriele Steidl (born 1963), German researcher in computational harmonic analysis, convex optimization, and image processing

Mary Kay Stein, American mathematics educator

Maya Stein, German-Chilean graph theorist

Berit Stensønes (born 1956), Norwegian mathematician specializing in complex analysis and complex dynamics

Elizabeth Stephansen (1872–1961), first Norwegian woman to receive a mathematics doctorate

Edith Stern (born 1952), child prodigy in mathematics and IBM engineer

Chris Stevens, American topological group theorist, historian of mathematics, and mathematics educator

Perdita Stevens (born 1966), British algebraist, theoretical computer scientist, and software engineer

Lorna Stewart, Canadian graph theorist and graph algorithms researcher

Alice Christine Stickland (1906–1987), British applied mathematician, expert on radio propagation

Angeline Stickney (1830–1892), American suffragist, abolitionist, and mathematician, namesake of the largest crater on Phobos

Doris Stockton (1924–2018), American mathematician and textbook author

Ruth Stokes (1890–1968), American mathematician, astronomer, and cryptologer, pioneer of linear programming, and founder of Pi Mu Epsilon journal

Yvonne Stokes, Australian expert on fluid mechanics, mathematical biology, and industrial applications of mathematics

Emily Stone, American mathematician, works in fluid mechanics and dynamical systems

Betsy Stovall, American harmonic analyst

Anita Straker, British mathematics educator, president of the Mathematical Association

Dona Strauss (born 1934), British mathematician, founder of pointless topology and European Women in Mathematics

Anne Penfold Street (1932–2016), Australian combinatorialist, third woman mathematics professor in Australia

Ileana Streinu, Romanian-American computational geometer, expert on kinematics and structural rigidity

Catharina Stroppel (born 1971), German researcher on representation theory, low-dimensional topology, and category theory

Marilyn Strutchens (born 1962), African-American mathematics educator

Tatjana Stykel, Russian-German expert on numerical linear algebra, control theory, and differential-algebraic equations

Dorothy Geneva Styles (1922–1984), American organist, choir director, composer, poet, and mathematician

Bella Subbotovskaya (1938–1982), Soviet founder of the Jewish People's University

Indulata Sukla (born 1944), Indian researcher on Fourier series, author of textbook on number theory and cryptography

Agnès Sulem (born 1959), French applied mathematician, control theorist, and mathematical finance expert

Catherine Sulem (born 1957), Algerian-born Canadian mathematician and violinist, expert on singularities in wave propagation

Nike Sun, American probability theorist studying phase transitions and counting complexity

Iryna Sushko (born 1967), Ukrainian mathematician, applies nonlinear dynamical systems to economics

Rosamund Sutherland (1947–2019), British mathematics educator

Louise Nixon Sutton (1925–2006), first African-American woman to earn a mathematics PhD at New York University

Thyrsa Frazier Svager (1930–1999), African-American mathematician, donated entire salary to support African-American women in mathematics

Márta Svéd (–2005), Hungarian-Australian mathematician, wrote about non-Euclidean geometry

Marcia P. Sward (1939–2008), executive director of the Mathematical Association of America

Lorna Swain (1891–1936), British fluid dynamics researcher, early female lecturer at Cambridge

Irena Swanson, Yugoslav-born American commutative algebraist and mathematical quilter

Henda Swart (1939–2016), South African geometer and graph theorist, editor-in-chief of Utilitas Mathematica

Adela ?wi?tek (1945–2019), Polish mathematician and a popularizer of mathematics

Jennifer Switkes, American mathematics educator and volunteer prison mathematics instructor

Polly Sy, Filipino functional analyst

Esther Szekeres (1910–2005), Hungarian-Australian mathematician posed the happy ending problem in discrete geometry

Ágnes Szendrei, Hungarian-American expert on universal algebra

Wanda Szmielew (1918–1976), Polish logician who proved the decidability of the first-order theory of abelian groups

Zofia Szmydt (1923–2010), Polish researcher on differential equations, potential theory and distributions


T

Daina Taimina's crochet illustrates hyperbolic space.

Laura Taalman, American mathematician known for work on the mathematics of Sudoku and mathematical 3D printing

Daina Taimi?a (born 1954), Latvian-American mathematician, crochets objects to illustrate hyperbolic space

Martha Takane, Mexican algebraist and algebraic combinatorist

Christiane Tammer, German expert in set-valued optimization

Tan Lei (1963–2016), Chinese-French specialist in complex dynamics and functions of complex numbers

Betül Tanbay (born 1960), first female president of the Turkish Mathematical Society

Yunqing Tang, Chinese-American number theorist and arithmetic geometer

Rosalind Tanner (1900–1992), English mathematician and a historian of mathematics

Jing Tao, low-dimensional topologist and geometric group theorist

Anne Taormina, Belgian mathematical physicist interested in string theory, moonshine, and the symmetry of virus capsids

Gabriella Tarantello (born 1958), Italian mathematician specializing in partial differential equations, differential geometry, and gauge theory

Éva Tardos (born 1957), Hungarian-American researcher in combinatorial optimization algorithms

Olga Taussky-Todd (1906–1995), Austrian and later Czech-American advocate of matrix theory

Jean Taylor (born 1944), American mathematician known for her work on soap bubbles and crystals

Miranda Teboh-Ewungkem (born 1974), American mathematical biologist using ordinary and partial differential equations and statistical methods for modeling the dynamics and transmission of mosquito-borne infectious diseases

Aretha Teckentrup, British mathematician, data scientist, and numerical analyst

Mina Teicher, Israeli algebraic geometer

Monique Teillaud, French computational geometer

Montserrat Teixidor i Bigas, Spanish-American expert on moduli of vector bundles on curves

Keti Tenenblat (born 1944), Turkish-Brazilian differential geometer

Bridget Tenner, American mathematician, expert in permutation patterns

Katrin Tent (born 1963), German mathematician, expert in group theory, the symmetries of groups, algebraic model theory, and finite geometry

M. B. W. Tent, American mathematics educator, mathematical biographer

Chuu-Lian Terng (born 1949), Taiwanese-American differential geometer

Susanna Terracini (born 1963), Italian mathematician known for her research on chaos in Hamiltonian dynamical systems

Audrey Terras (born 1942), American number theorist specializing in quantum chaos and zeta functions

Susanne Teschl (born 1971), Austrian expert on mathematical modeling of breath analysis

Donna Testerman (born 1960), expert in the representation theory of algebraic groups

Ngamta Thamwattana, Thai-Australian expert in granular materials and nanotechnology

Theano (6th century BC), one or possibly two different Pythagorean philosophers

Diana Thomas, American mathematician who studies nutrition and body weight

Doreen Thomas, South African and Australian mathematician and engineer

Janet Thomas, founder of the Australian Mathematical Sciences Institute

Rekha R. Thomas, American mathematician and operations researcher

Abigail Thompson (born 1958), American low-dimensional topologist, educational reformer

Frances McBroom Thompson (1942–2014), American mathematics educator and textbook author

Gillian Thornley (born 1940), New Zealand differential geometer, first woman president of the New Zealand Mathematical Society

Heidi Thornquist, American applied mathematician, expert on numerical linear algebra and circuit

simulation

Mary Domitilla Thuener (1880–1977), American mathematician, founder of Thomas More College, Kentucky

Ene-Margit Tiit (born 1934), Estonian mathematician and statistician, founding president of Estonian Statistical Society

Mary Tiles (born 1946), writer on the philosophy and history of set theory

Ulrike Tillmann FRS (born 1962), German-English algebraic topologist

Sheila Tinney (1918–2010), Irish mathematical physicist, first Irishwoman with a mathematical doctorate

Maryanne Tipler, New Zealand mathematics textbook author

Françoise Tisseur, French-English numerical analyst

Jacqueline Naze Tjøtta (1935–2017), French-Norwegian researcher in kinetics, magnetohydrodynamics and theoretical acoustics

Renate Tobies (born 1947), German historian of mathematics

Gordana Todorov (born 1949), American representation theorist and noncommutative algebraist

Susan Tolman, American symplectic geometer

Nicole Tomczak-Jaegermann FRSC, Polish-Canadian geometric functional analyst

Alison Tomlin, British physical chemist and applied mathematician, develops detailed models of combustion

Cristina Toninelli, Italian probability theorist

Christina Tønnesen-Friedman, Danish-American Riemannian geometer

Virginia Torczon, American applied mathematician, computer scientist, and expert in nonlinear optimization

Antoinette Tordesillas, Australian applied mathematician

Marie Torhorst (1888–1989), German mathematician, school teacher, and politician

Anna-Karin Tornberg, Swedish computational mathematician

Eve Torrence (born 1963), American mathematician, president of Pi Mu Epsilon

Laura Toti Rigatelli (born 1941), Italian historian of mathematics and biographer of Galois

Vera Traub, German expert on approximation algorithms in network optimization

Paula Tretkoff, Australian-American researcher in number theory, noncommutative geometry, and hypergeometric functions

Christiane Tretter (born 1964), German expert in spectral theory and differential operators

V?ra Trnková (1934–2018) Czech category theorist

Konstantina Trivisa, Greek-American expert in fluid dynamics and flocking

A. Mary Tropper (1917–2009), British mathematician, textbook author, and translator

Mary Esther Trueblood (1872–1939), American mathematician, studied with Felix Klein

Chrysoula Tsogka, Greek applied mathematician, expert in wave propagation through complex media

Olga Tsuberbiller (1885–1975), Russian analytical geometer and textbook author

Virginia Tucker (1909–1985), American human computer at the National Advisory Committee for Aeronautics

Laurette Tuckerman (born 1956), American and French researcher in computational fluid dynamics

Annita Tuller (1910–1994), American geometer and textbook author

Reidun Twarock, German-born mathematical biologist

Julianna Tymoczko (born 1975), American algebraic geometer and algebraic combinatorist

Regina Tyshkevich (1929–2019), Belarusian graph theorist, co-invented split graphs

Galina Tyurina (1938–1970), Soviet algebraic geometer

U
Karen Uhlenbeck is a leading expert in partial differential equations and has worked on a variety of

topics related to mathematical physics.

Olabisi Ugbebor (born 1951), first female mathematics professor in Nigeria

Karen Uhlenbeck (born 1942), American mathematician, MacArthur Fellow, National Medal of Science, Leroy P. Steele Prize, Abel Prize

Corinna Ulcigrai (born 1980), Italian researcher on dynamical systems, won European Mathematical Society Prize and Whitehead Prize

Kristin Umland, American mathematics educator

Nina Uraltseva (born 1935), Russian mathematical physicist, specialist in nonlinear partial differential equations

Arantza Urkaregi (born 1954), Spanish mathematician and Basque separatist and feminist politician

V

Brigitte Vallée (born 1950), French mathematician and computer scientist, expert in lattice basis reduction algorithms

Clàudia Valls, Spanish and Portuguese mathematician specializing in dynamical systems

Pauline van den Driessche (born 1941), British-Canadian pioneer in combinatorial matrix theory and mathematical biology

Monica VanDieren, American model theorist and academic administrator

Olena Vaneeva (born 1982), Ukrainian mathematician specializing in group analysis of differential equations

Ursula van Rienen (born 1957), German applied mathematician, expert in simulating electrical brain stimulation

Michela Varagnolo, Italian-French representation theorist

Maria Eulália Vares, Brazilian expert in stochastic processes

Laura Vargas Koch (born 1990), German algorithmic game theorist and Olympic medal winning judoka

Alena Varmužová (1939–1997), Czech mathematics educator

Dorothy Vaughan (1910–2008), African-American mathematician at NASA

Elena Vázquez Cendón, Spanish expert in modeling waves and shallow water, and numerical solution of hyperbolic problems

Mariel Vázquez, Mexican mathematical biologist specializing in DNA topology

Eva Vedel Jensen (born 1951), Danish spatial statistician, stereologist, and stochastic geometer

Argelia Velez-Rodriguez (born 1936), Black Cuban-American differential geometer

Tatyana Velikanova (1932–2002), Soviet mathematician, computer programmer, dissident, and political prisoner

Luitgard Veraart, German financial mathematician

Michèle Vergne (born 1943), French specialist in analysis and representation theory, member of French Academy of Sciences

Siobhán Vernon (1932–2002), first Irish-born woman to get a PhD in pure mathematics in Ireland

Lumini?a Vese, Romanian specialist in image processing

Katalin Vesztergombi (born 1948), Hungarian graph theorist and discrete geometer

Maryna Viazovska (born 1984), Ukrainian mathematician, solved the sphere packing problems in dimensions 8 and 24

Eva Viehmann (born 1980), German arithmetic geometer

Marie-France Vignéras (born 1946), French mathematician who proved that one cannot hear the shape of a hyperbolic drum

Maria Cristina Villalobos, American applied mathematician recognized for her mentorship

Cynthia Vinzant, American real algebraic geometer

Bianca Viray, American arithmetic geometer

Nina Virchenko (born 1930), Ukrainian mathematician and anti-Soviet activist

Monica Vi?an (born 1979), Romanian expert on the nonlinear Schrödinger equation

Begoña Vitoriano (born 1967), Spanish applied mathematician, uses operations research for humanitarian disaster relief

Marie A. Vitulli, American algebraic geometer, union organizer, and proponent for women in mathematics on Wikipedia

Roxana Vivian (1871–1961), first female mathematics doctorate from the University of Pennsylvania

Karen Vogtmann (born 1949), American geometric group theorist, namesake of Culler–Vogtmann outer space

Margit Voigt, German expert on graph coloring

Claire Voisin (born 1962), French expert on Hodge structures and mirror symmetry, member of French Academy of Sciences

Elisabeth Vreede (1879–1943), Dutch mathematician, astronomer and Anthroposophist

Kristina Vuškovi? (born 1967), Serbian graph theorist


W

Katrin Wendland, expert on singularities in quantum field theories


Michelle L. Wachs, American specialist in algebraic combinatorics

Aissa Wade (born 1967), Senegalese symplectic geometer, president of African Institute for Mathematical Sciences

Grace Wahba (born 1934), American pioneer in methods for smoothing noisy data

Nathalie Wahl (born 1976), Belgian topologist

Yoshiko Wakabayashi (born 1950), Brazilian researcher in combinatorial optimization and polyhedral combinatorics

Sarah Wakes, New Zealand mathematician and engineer, first female head of mathematics at University of Otago

Rebecca Waldecker (born 1979), German group theorist

Irène Waldspurger, French mathematician, expert on phase retrieval

Muriel Kennett Wales (1913–2009), Irish-Canadian mathematician

Carol Walker (born 1935), American group theorist and fuzzy set theorist

Erica N. Walker, American mathematician, studies racial and gender equity in mathematics education

Janice B. Walker, American mathematician at Xavier University

Judy L. Walker, American algebraic coding theorist

Mary Shore Walker (1882–1952), American mathematician, first woman faculty member at the University of Missouri

Dorothy Wallace, American number theorist, mathematical biologist, and mathematics educator

Lynne H. Walling, British number theorist

Joan E. Walsh (1932–2017), British numerical analyst

Marion Walter (1928–2021), German-born mathematician who wrote about using mirrors to explore symmetry

Andrea Walther (born 1970), German expert in automatic differentiation

Chelsea Walton (born 1983), African-American researcher in noncommutative algebra

Yilin Wang, French and Swiss expert in complex analysis and probability theory

Yuan Wang, Chinese-American control theorist

Yusu Wang, Chinese computational geometer and computational topologist

Wang Zhenyi (1768–1797), Qing dynasty mathematician and astronomer

Lesley Ward, Australian harmonic and complex analyst

Rachel Ward, American applied mathematician who researches machine learning and signal processing

Virginia Warfield, American mathematics educator

Mary Wynne Warner (1932–1998), British pioneer in fuzzy topology

Simone Warzel (born 1973), German mathematical physicist, expert on the many-body problem

Talitha Washington (born 1974), American applied mathematician and mathematics educator

Sarah L. Waters, British expert in fluid mechanics and tissue engineering

Ann E. Watkins, American statistics educator, president of Mathematical Association of America

Anne Watson, British mathematics educator

Charlotte Watts (born 1962), British mathematical epidemiologist

Johanna Weber (1910–2014), German-British mathematician and aerodynamicist, contributed to supersonic aircraft design

Charlotte Wedell (1862–1953), one of four women at the first International Congress of Mathematicians

Suzanne Weekes, American mathematician, cofounder of the Mathematical Sciences Research Institute Undergraduate Program

Katrin Wehrheim (born 1974), American symplectic topologist and gauge theorist

Guofang Wei (born 1965), Chinese-American differential geometer, found new positively-curved manifolds

Tilla Weinstein (1934–2002), American differential geometer

Marie Johanna Weiss (1903–1952), American mathematics researcher and textbook author

Florence Weldon (1858–1936), British human computer, analysed biological variation

Katrin Wendland (born 1970), German mathematical physicist, expert on singularities in quantum field theories

Annette Werner (born 1966), German expert on diophantine geometry and non-Archimedean algebraic geometry

Elisabeth M. Werner, researcher on convex geometry, functional analysis, and probability theory

Eléna Wexler-Kreindler (1931–2002), Romanian-French algebraist

Anna Johnson Pell Wheeler (1883–1966), American researcher on infinite-dimensional linear algebra

Mary Wheeler (born 1931), American expert on domain decomposition methods for partial differential equations

Marion Ballantyne White (1871–1958), American mathematician and university professor

Sue Whitesides, Canadian mathematician and computer scientist, expert in computational geometry and graph drawing

Alice S. Whittemore, American group theorist, biostatistician, and epidemiologist who studies the effects of genetics and lifestyle on cancer

Kirsten Wickelgren, American number theorist and geometer

Margaret Wiecek, Polish-American operations researcher, expert on multi-objective optimization

Sylvia Wiegand (born 1945), American algebraist, president of the Association for Women in Mathematics

Anna Wienhard (born 1977), German differential geometer

Lynda Wiest, American mathematics education researcher

Evelyn Prescott Wiggin (1900–1964), American mathematician and university professor

Geertruida Wijthoff (1859–1953), Dutch mathematician and teacher

Marie S. Wilcox (died 1995), American high school mathematics teacher, textbook author, and president of National Council of Teachers of Mathematics

Trena Wilkerson, American mathematics educator, president of National Council of Teachers of Mathematics

Amie Wilkinson (born 1968), American researcher in ergodic theory and smooth dynamical systems

Emily Willbanks (1930–2007), American mathematician who contributed to defense weapons

applications and high performance storage

Margaret Willerding (1919–2003), American mathematician and textbook author

Karen Willcox, New Zealand applied mathematician, expert on reduced-order modeling and multi-fidelity methods

Elizabeth Williams (1895–1986), British mathematician and educationist

Emily Coddington Williams (1873–1952), American historian of mathematics, translator, novelist, playwright, and biographer

Kim Williams, scholar of connections between mathematics and architecture

Lauren Williams, American expert on cluster algebras and tropical geometry

Roselyn E. Williams, American mathematician, founder of National Math Alliance

Ruth J. Williams, American probability theorist, president of Institute of Mathematical Statistics

Ruth Margaret Williams (born 1945), British mathematical physicist, researches discrete gravity

Sheila Oates Williams (1939–2024), British and Australian abstract algebraist

Talithia Williams, American statistician and mathematician who researches the spatiotemporal structure of data

Virginia Vassilevska Williams, Bulgarian-American researcher on graph algorithms and fast matrix multiplication

Stephanie van Willigenburg, Canadian researcher in algebraic combinatorics and quasisymmetric functions

Elizabeth Wilmer, American expert on Markov chain mixing times

Helen Wilson (mathematician) (born 1973), British expert on non-Newtonian fluids, president of British Society of Rheology

Ulrica Wilson, African-American mathematician specializing in noncommutative rings and the combinatorics of matrices

Helen Wily (1921–2009), New Zealand mathematician and statistician

Sarah Witherspoon, American mathematician interested in abstract algebra

Emily E. Witt, American commutative algebraist and representation theorist

Barbara Wohlmuth, German expert on the numerical solution of partial differential equations

Julia Wolf, British mathematician specialising in arithmetic combinatorics

Louise Adelaide Wolf (1898–1962), American mathematician and university professor

Gail Wolkowicz, Canadian mathematical biologist known for her work on the competitive exclusion principle

Maria Wonenburger (1927–2014), Galician-American group theorist, first Spanish Fulbright scholar in mathematics

Carol Wood (born 1945), American expert in model-theoretic algebra, president of American Women in Mathematics

Melanie Wood (born 1981), first female American to compete in the International Mathematical Olympiad

Ruth Goulding Wood (1875–1935), American non-Euclidean geometer

Sarah Woodhead (1851–1912), first woman to pass the Cambridge University mathematical Tripos examination

Mary Lee Woods (1924–2017), British mathematician and computer programmer

Carol S. Woodward, American expert in numerical algorithms and software

Margaret H. Wright (born 1944), American researcher in optimization, linear algebra, and scientific computing

Dorothy Maud Wrinch (1894–1976), Argentine-English mathematician and biochemical theorist, expert in protein structure

Jang-Mei Wu, Taiwanese-American complex analyst

Sijue Wu (born 1964), Chinese-American expert in the mathematics of water waves

Emily Kathryn Wyant (1897–1942), American mathematician, founder of honor society Kappa Mu

Epsilon

Lucy R. Wyatt, British mathematician and oceanographer, studies high frequency radar oceanography and ocean surface waves

Urszula Wybraniec-Skardowska (born 1940), Polish logician

Cynthia Wyels, American mathematician known for her mentorship of Latino students

X

Dianna Xu, American mathematician and computer scientist who studies computational problems on curves and surfaces

Xu Ruiyun, first Chinese woman to earn a doctorate in mathematics

Y

Carolyn Yackel, American commutative algebraist and mathematical fiber artist

Erna Beth Yackel (1939–2022), American mathematics educator

Mayuko Yamashita, Japanese mathematician and mathematical physicist

Catherine Yan, Chinese-American mathematician interested in algebraic combinatorics

Grace Yang, Chinese-American expert on stochastic processes in the physical sciences, asymptotic theory, and survival analysis

Betsy Yanik, American mathematics educator, president of Women and Mathematics Education

Elena Yanovskaya (born 1938), Soviet and Russian game theorist

Sofya Yanovskaya (1896–1966), restored mathematical logic research in Soviet Union, edited mathematical works of Karl Marx

Jane Ye, Chinese-Canadian researcher in variational analysis

Karen Yeats (born 1980), Canadian mathematician whose research connects combinatorics to quantum field theory

Florence Yeldham (1877–1945), British school teacher and historian of arithmetic

Yiqun Lisa Yin, Chinese-American cryptographer, broke the SHA-1 hash scheme and helped develop the RC6 block cipher

Ruriko Yoshida, Japanese-American combinatorist, statistician, phylogeneticist, and operations researcher

Anna Irwin Young (1873–1920), charter member of the Mathematical Association of America

Cynthia Y. Young, American applied mathematician, textbook author, and academic administrator

Lai-Sang Young (born 1952), Hong Kong born dynamical systems theorist

Mabel Minerva Young (1872–1963), American geometer

Virginia R. Young, American expert on the mathematics of insurance

Noriko Yui, Japanese-Canadian researcher on arithmetic geometry, mathematical physics, and mirror symmetry

Mariette Yvinec, French computational geometer

Z

Sara Zahedi (born 1981), Iranian-Swedish researcher in computational fluid dynamics, former child refugee, and winner of EMS Prize

Martina Zähle (born 1950), German stochastic geometer and geometric measure theorist

Frieda Zames (1932–2005), American mathematician and disability rights activist

Antonella Zanna, Italian-Norwegian numerical analyst

Thaleia Zariphopoulou (born 1962), Greek-American expert in mathematical finance

Claudia Zaslavsky (1917–2006), American mathematics educator and ethnomathematician

Anna Zdunik, Polish researcher on dynamical systems

Mary Lou Zeeman, British expert on dynamical systems and their application to mathematical biology

Sarah Zerbes (born 1978), German and British algebraic number theorist

Ping Zhang, graph theorist and textbook author

Tianyi Zheng, Chinese-American probability and geometric group theorist

Rozetta Zhilina (1933–2003), Soviet expert in computational problems for nuclear weapons

Tamar Ziegler (born 1971), Israeli researcher in ergodic theory and arithmetic combinatorics, won Erd?s Prize

Magdolna Zimányi (1934–2016), pioneer of Hungarian computing