

MAA Basic Library List

Last Updated 1/23/18

Contact Darren Glass (dglass@gettysburg.edu) with questions

Additive Combinatorics	Terence Tao and Van H. Vu		Cambridge University Press	2010	BLL	Combinatorics Number Theory
Additive Number Theory: The Classical Bases	Melvyn B. Nathanson		Springer	1996	BLL	Analytic Number Theory Additive Number Theory
Advanced Calculus	Lynn Harold Loomis and Shlomo Sternberg		World Scientific	2014	BLL	Advanced Calculus Manifolds Real Analysis Vector Calculus
Advanced Calculus	Wilfred Kaplan	5	Addison Wesley	2002	BLL	Vector Calculus Single Variable Calculus Multivariable Calculus Calculus Advanced Calculus
Advanced Calculus	David V. Widder	2	Dover Publications	1989	BLL	Advanced Calculus Calculus Multivariable Calculus Vector Calculus
Advanced Calculus	R. Creighton Buck	3	Waveland Press	2003	BLL*	Single Variable Calculus Multivariable Calculus Calculus Advanced Calculus
Advanced Calculus: A Differential Forms Approach	Harold M. Edwards		Birkhauser	2013	BLL**	Differential Forms Vector Calculus
Advanced Calculus: A Geometric View	James J. Callahan		Springer	2010	BLL	Vector Calculus Multivariable Calculus Calculus
Advanced Calculus: An Introduction to Analysis	Watson Fulks	3	John Wiley	1978	BLL	Advanced Calculus
Advanced Calculus	Lynn H. Loomis and Shlomo Sternberg		Jones & Bartlett Publishers	1989	BLL	Advanced Calculus
Advanced Combinatorics: The Art of Finite and Infinite Expansions	Louis Comtet		Kluwer	1974	BLL	Combinatorics
Advanced Complex Analysis: A Comprehensive Course in Analysis, Part 2B	Barry Simon		American Mathematical Society	2015	BLL*	Analysis Complex Analysis
Advanced Engineering Mathematics	Erwin Kreyszig	10	John Wiley	2011	BLL	Applied Mathematics Engineering Mathematics
Advanced Engineering Mathematics	Ladis D. Kovach		Addison-Wesley	1982	BLL*	Engineering Mathematics
Advanced Engineering Mathematics	Erwin Kreyszig	9	John Wiley	2005	BLL	Engineering Mathematics
Advanced Mathematical Analysis: Periodic Functions and Distributions, Complex Analysis, Laplace Transform and Applications	Richard Beals		Springer Verlag	1973	BLL	Real Analysis
Advanced Mathematical Methods for Scientists and Engineers I: Asymptotic Methods and Perturbation Theory	Carl M. Bender and Steven A. Orszag		Springer Verlag	2005	BLL	Engineering Mathematics Mathematical Physics
Advanced Mathematics a Preparation for Calculus	Arthur F. Coxford and Joseph N. Payne		Harcourt Brace Jovanovich	1978	BLL	Pre-Calculus
Advanced Modern Algebra	Joseph J. Rotman	2	American Mathematical Society	2010	BLL**	Abstract Algebra Algebra
Advanced Modern Algebra	Joseph J. Rotman		Prentice Hall	2002	BLL**	Abstract Algebra Algebra
Advanced Number Theory with Applications	Richard A. Mollin		Chapman & Hall/CRC	2009	BLL	Number Theory Diophantine Equations Diophantine Approximation Algebraic Number Theory
Adventures Among the Toroids	Bonnie Madison Stewart	2	B M Stewart	1980	BLL*	Mathematics for the General Reader
Adventures in Group Theory: Rubik's Cube, Merlin's Machine and Other Mathematical Toys	David Joyner	2	Johns Hopkins	2008	BLL	Group Theory Puzzles Recreational Mathematics
Adventures of a Mathematician	S. M. Ulam		University of California Press	1991	BLL**	Biography History of Mathematics
Affine Maps, Euclidean Motions and Quadrics	Agusti Reventos Tarrida		Springer	2011	BLL	Linear Algebra Algebraic Geometry Affine Geometry
Africa Counts: Number and Pattern in African Cultures	Claudia Zaslavsky	3	Lawrence Hill Books	1999	BLL*	Non-Western Cultures Ethnomathematics
Agent-Based and Individual-Based Modeling: A Practical Introduction	Steven F. Railsback and Volker Grimm		Princeton University Press	2011	BLL*	Complexity Dynamical Systems Mathematical Biology Mathematical Modeling
Aha! Gotcha Aha! Insight: Aha! A Two Volume Collection	Martin Gardner	2	Mathematical Association of America	2006	BLL*	Recreational Mathematics
Alan Turing: His Work and Impact	S. Barry Cooper and Jan van Leeuwen		Elsevier	2013	BLL*	Classic Works History of Mathematics History of Science Theory of Computation
Alan Turing: The Enigma	Andrew Hodges		Princeton University Press	2012	BLL***	Biography History of Mathematics
Albert Einstein: Creator and Rebel	Banesh Hoffman		Plume	1973	BLL	Biography History of Science
Alexandre Grothendieck: A Mathematical Portrait	Leila Schneps, editor		International Press	2014	BLL	Algebraic Geometry Arithmetic Algebraic Geometry Banach Spaces History of Mathematics
Alfred Tarski	Andrew McFarland, Joanna McFarland, and James T. Smith, editors		Birkhauser	2014	BLL	Biography History of Mathematics
Algebra	Saunders Mac Lane and Garrett Birkhoff	3	American Mathematical Society/Chelsea	1988	BLL***	Abstract Algebra Algebra
Algebra	Michael Artin	2	Prentice Hall	2011	BLL***	Abstract Algebra Algebra
Algebra	Larry C. Grove		Dover Publications	2004	BLL	Algebra Abstract Algebra
Algebra	Thomas W. Hungerford		Springer Verlag	2003	BLL*	Abstract Algebra Algebra
Algebra	Serge Lang	3	Springer Verlag	2005	BLL*	Abstract Algebra Algebra
Algebra and Trigonometry	Stanley I. Grossman	2	Harcourt School	1992	BLL	Pre-Calculus
Algebra and Trigonometry Refresher for Calculus Students	Loren C. Larson		W.H. Freeman	1979	BLL	Pre-Calculus
Algebra II: Non-Commutative Rings, Identities	A.I. Kostrikin and Igor R. Shafarevich		Springer Verlag	1991	BLL	Ring Theory
Algebra in Context	Amy Shell-Gellasch and J. B. Thoo		Johns Hopkins University Press	2015	BLL	Classical Algebra College Algebra History of Mathematics
Algebra, Volume 1, Handbook of Applicable Mathematics	Walter Ledermann and Steven Vajda, editors		John Wiley	1980	BLL	Applied Algebra Algebra
Algebra, Volume I	B. L. van der Waerden		Springer Verlag	2003	BLL***	Abstract Algebra Classic Works
Algebra, Volume II	B. L. van der Waerden		Springer Verlag	2003	BLL***	Abstract Algebra Classic Works
Algebra: A Graduate Course	I. Martin Isaacs		American Mathematical Society	2009	BLL	Abstract Algebra Algebra
Algebra: A Very Short Introduction	Peter M. Higgins		Oxford University Press	2015	BLL	Abstract Algebra Classical Algebra Mathematics for the General Reader
Algebraic and Discrete Mathematical Methods for Modern Biology	Raina Robeva, editor		Academic Press	2015	BLL*	Mathematical Biology
Algebraic Combinatorics: Walks, Trees, Tableaux, and More	Richard P. Stanley		Springer	2013	BLL**	Algebraic Combinatorics Combinatorics
Algebraic Extensions of Fields	Paul J. McCarthy		Dover Publications	1991	BLL*	Field Theory Galois Theory
Algebraic Geometry and Arithmetic Curves	Qing Liu		Oxford University Press	2006	BLL	Algebraic Geometry Arithmetic Algebraic Geometry
Algebraic Geometry: A Problem Solving Approach	Thomas Garrity, et al		American Mathematical Society/Institute for Advanced Study	2013	BLL	Algebraic Geometry
Algebraic Graph Theory	Norman Biggs	2	Cambridge University Press	1994	BLL*	Combinatorics Graph Theory
Algebraic Inequalities: New Vistas	Titu Andreescu and Mark Saul		MSRI/AMS	2016	BLL	Inequalities Problems Olympiad Level
Algebraic K-theory	Hyman Bass		W. A. Benjamin	1968	BLL	Algebra
Algebraic Number Fields	Gerald J. Janusz	2	American Mathematical Society	1996	BLL	Algebraic Number Theory
Algebraic Number Theory	Richard A. Mollin	2	Chapman & Hall/CRC	2011	BLL*	Algebraic Number Theory
Algebraic Number Theory	Serge Lang		Springer Verlag	1994	BLL	Algebraic Number Theory
Algebraic Number Theory	Richard A. Mollin		Chapman & Hall/CRC	1999	BLL*	Algebraic Number Theory
Algebraic Numbers and Algebraic Functions	Emil Artin		AMS Chelsea Publishing	2006	BLL**	Algebraic Number Theory Algebraic Geometry
Algebraic Theory of Measure and Integration	C. Caratheodory		American Mathematical Society	1986	BLL	Analysis
Algebraic Theory of Quadratic Numbers	Mark Trifkovic		Springer	2013	BLL*	Algebraic Number Theory
Algebraic Topology	Edwin H. Spanier		Springer Verlag	1995	BLL	Algebraic Topology
Algebraic Topology: An Introduction	William S. Massey		Springer	1990	BLL**	Algebraic Topology
Algebraic Topology: An Intuitive Approach	Hajime Sato		American Mathematical Society	1999	BLL	Algebraic Topology
Algorithmic Algebraic Number Theory	M. Pohst and H. Zassenhaus		Cambridge University Press	1997	BLL	Algebraic Number Theory Algorithms
Algorithmic Graph Theory	Alan Gibbons		Cambridge University Press	1985	BLL	Algorithms Graph Theory
Algorithms Unplugged	Berthold Vocking et al.		Springer	2011	BLL	Mathematics for the General Reader Computer Science Algorithms
Alice in Numberland: A Students' Guide to the Enjoyment of Higher Mathematics	John Baylis		Macmillan	1988	BLL*	Student Helps
Alternate Realities: Mathematical Models of Nature and Man	John L. Casti		John Wiley	1989	BLL**	Mathematical Biology Mathematical Modeling
American Mathematical Heritage: Algebra and Applied Mathematics	J. Dalton Tarwater		Texas Tech University Press	1981	BLL	History of Mathematics
Amusements in Mathematics	Henry E. Dudeney		Dover Publications	1958	BLL	Mathematics for the General Reader Problems Recreational Mathematics
An Algebraic Approach to Geometry: Geometric Trilogy II	Francis Borceux		Springer	2013	BLL	Algebraic Geometry History of Mathematics
An Axiomatic Approach to Geometry: Geometric Trilogy I	Francis Borceux		Springer	2013	BLL	Euclidean Geometry Geometry History of Mathematics Non-Euclidean Geometry Symplectic Geometry
An Early History of Recursive Functions and Computability from Godel to Turing	Rod Adams		Docent Press	2011	BLL	Theory of Computation Logic History of Mathematics History of Computing
An Elementary Introduction to Mathematical Finance	Sheldon M. Ross	3	Cambridge University Press	2011	BLL**	Finance
An Elementary Introduction to the Theory of Probability	B. V. Gnedenko and A. Ya. Khinchin	5	Dover Publications	1962	BLL*	Probability Theory
An Illustrated Introduction to Topology and Homotopy	Sasho Kalajdzievski		Chapman & Hall/CRC	2015	BLL	Algebraic Topology General Topology Homotopy Theory
An Informal Introduction to Theoretical Fluid Mechanics	M.J. Lighthill		Oxford University Press	1986	BLL**	Fluid Mechanics
An Intermediate Course in Probability	Allan Gut		Springer	2009	BLL	Probability Theory
An Introduction to Algebraic Geometry and Algebraic Groups	Meinolf Geck		Oxford University Press	2014	BLL	Algebraic Geometry Algebraic Groups Finite Groups Representation Theory
An Introduction to Applied Geostatistics	Edward H. Isaaks and R. Mohan Srivastava		Oxford University Press	1990	BLL	Statistics
An Introduction to Categorical Data Analysis	Alan Agresti	2	John Wiley	2007	BLL*	Data Analysis Statistics
An Introduction to Category Theory	Harold Simmons		Cambridge University Press	2011	BLL	Category Theory
An Introduction to Chaotic Dynamical Systems	Robert L. Devaney	2	Westview Press	2003	BLL**	Chaos Dynamical Systems Fractals
An Introduction to Classical Complex Analysis, Volume 1	R.B. Burckel		Birkhauser	1979	BLL	Analysis
An Introduction to Classical Real Analysis	Karl R. Stromberg		American Mathematical Society	1981	BLL	Analysis
An Introduction to Combinatorial Analysis	John Riordan		Dover Publications	2002	BLL*	Combinatorics
An Introduction to Complex Analysis	Ravi P. Agarwal, Kanishka Perera and Sandra Pinelas		Springer	2011	BLL	Complex Analysis
An Introduction to Delay Differential Equations with Applications to the Life Sciences	Hal Smith		Springer	2010	BLL	Ordinary Differential Equations Dynamical Systems Delay Differential Equations
An Introduction to Differentiable Manifolds and Riemannian Geometry	William M. Boothby	2	Academic Press	2002	BLL*	Differential Topology Manifolds Riemannian Geometry
An Introduction to Discrete Mathematics	Steven Roman	2	Harcourt	1989	BLL*	Discrete Mathematics Transition to Advanced Mathematics
An Introduction to Dynamical Systems	D. K. Arrowsmith and C. M. Place		Cambridge University Press	1990	BLL*	Dynamical Systems
An Introduction to Dynamical Systems: Continuous and Discrete	R. Clark Robinson	2	American Mathematical Society	2012	BLL*	Chaos Dynamical Systems Nonlinear Analysis Ordinary Differential Equations

An Introduction to Fluid Dynamics	G. K. Batchelor		Cambridge University Press	2000	BLL***	Mathematical Physics Fluid Mechanics
An Introduction to Fourier Series and Integrals	Robert T. Seeley		Dover Publications	2006	BLL	Fourier Analysis
An Introduction to Genetic Analysis	Anthony J.F. Griffiths; Susan R. Wessler; Richard C. Lewontin; William M. Gelbart; David T. Suzuki; Jeffrey H. Miller		W. H. Freeman	2004	BLL*	Mathematical Biology
An Introduction to Harmonic Analysis	Yitzhak Katznelson	3	Cambridge University Press	2004	BLL*	Classic Works Harmonic Analysis
An Introduction to Hilbert Space	N. Young		Cambridge University Press	1988	BLL	Functional Analysis Hilbert Spaces
An Introduction to Homological Algebra	Joseph J. Rotman	2	Springer	2009	BLL**	Homological Algebra
College Mathematics With Technology: For Business, Economics, Life and Social Sciences	Raymond A. Barnett and Michael R. Ziegler		Prentice Hall	1999	BLL	Mathematics for Business
Color and Symmetry	Arthur L. Loeb		Krieger	1978	BLL	Group Theory Symmetry
Combinatorial Algorithms: An Update	Herbert S. Wilf		SIAM	1987	BLL*	Algorithms
Combinatorial Designs: Construction Methods	Ian Anderson		John Wiley	1989	BLL*	Combinatorics Combinatorial Designs
Combinatorial Enumeration	Ian P. Goulden and David M. Jackson		Dover Publications	2004	BLL	Combinatorics
Combinatorial Game Theory	Aaron N. Siegel		American Mathematcial Society	2013	BLL*	Combinatorial Games
Combinatorial Geometry In the Plane	H. Hadwiger and H. Debrunner		Dover Publications	1966	BLL*	Combinatorial Geometry
Combinatorial Mathematics	H. J. Ryser		Mathematical Association of America	1963	BLL*	Combinatorial Designs Combinatorics
Combinatorial Matrix Theory	Richard A. Brualdi and Herbert J. Ryser		Cambridge University Press	1991	BLL*	Combinatorics
Combinatorial Methods in Developmental Biology	Jerome K Percus		Courant Institute of Mathematical Sciences	1977	BLL	Mathematical Biology
Combinatorial Optimization: Networks and Matroids	Eugene Lawler		Dover Publications	2001	BLL	Combinatorial Optimization Matroids Optimization
Combinatorial Problems and Exercises	L��szlo Lov��sz	2	AMS/Chelsea Publishing	2007	BLL**	Combinatorics Graph Theory Problems Ramsey Theory
Combinatorial Theory	Martin Aigner		Springer Verlag	2004	BLL*	Combinatorics
Combinatorial Theory	Marshall Hall	2	John Wiley	1998	BLL*	Combinatorics
Combinatorial Topology	P. S. Alexandrov		Dover Publications	1998	BLL	Algebraic Topology Combinatorial Topology Topology
Combinatorics	N. I. Vilenkin		Academic Press	1971	BLL*	Combinatorics
Combinatorics and Graph Theory	John M. Harris, Jeffry L. Hirst, and Michael J. Mossinghoff	2	Springer	2008	BLL*	Combinatorics Graph Theory
Combinatorics of Coxeter Groups	Anders Bj��rner and Francesco Brenti		Springer Verlag	2005	BLL	Combinatorics Group Theory
Combinatorics of Experimental Designs	Anne Penfold Street and Deborah J. Street		Oxford University Press	1987	BLL	Combinatorics
Combinatorics of Finite Geometries	Lynn Margaret Batten	2	Cambridge University Press	1997	BLL*	Finite Geometry Discrete Geometry Combinatorics Combinatorial Geometry
Combinatorics of Finite Sets	Ian Anderson		Dover Publications	2002	BLL	Combinatorics
Combinatorics of Permutations	Miklos Bona	2	Chapman & Hall/CRC	2012	BLL*	Combinatorics
Combinatorics of Permutations	Miklos Bona		Chapman & Hall/CRC	2004	BLL*	Combinatorics
Combinatorics of Symmetric Designs	Yuri J. Ionin and Mohan S. Shrikhande		Cambridge University Press	2006	BLL	Coding Theory Combinatorial Designs Combinatorics
Combinatorics: A Problem Oriented Approach	Daniel A. Marcus		Mathematical Association of America	1998	BLL*	Combinatorics
Combinatorics: Ancient and Modern	Robin Wilson and John J. Watkins, editors		Oxford University Press	2014	BLL**	Combinatorics History of Mathematics
Combinatorics: The Rota Way	Joseph P. S. Kung, Gian-Carlo Rota, and Catherine H. Yan		Cambridge University Press	2009	BLL	Classic Works Combinatorics
Combinatory Analysis	Percy A. MacMahon		Dover Phoenix	2009	BLL	Combinatorics
Communities and Ecosystems	Robert H. Whittaker	2	Macmillan USA	1975	BLL	Mathematical Biology
Community Ecology	Ted J. Case and Jared Diamond		HarperCollins	1986	BLL*	Mathematical Biology
Commutative Algebra I	Oscar Zariski and Pierre Samuel		Springer Verlag	1975	BLL*	Commutative Algebra
Commutative Algebra II	Oscar Zariski and Pierre Samuel		Springer Verlag	1976	BLL*	Commutative Algebra
Commutative Normed Rings	I. Gel'fand, D. Raikov, and G. Shilov		American Mathematical Society/Chelsea	1999	BLL*	Operator Algebras Functional Analysis Analysis
Commutative Ring Theory	Hideyuki Matsumura		Cambridge University Press	1989	BLL	Commutative Algebra
Commutative Rings	Irving Kaplansky		Allyn and Bacon	1970	BLL*	Commutative Algebra
Compact Riemann Surfaces: An Introduction to Contemporary Mathematics	Jurgen Jost	3	Springer Verlag	2006	BLL*	Algebraic Topology Complex Analysis Differential Geometry Riemann Surfaces
Companion Encyclopedia of the History and Philosophy of the Mathematical Sciences	I. Grattan-Guinness, editor		Routledge/Taylor and Francis	1994	BLL***	History of Mathematics Philosophy of Mathematics
Companion to Concrete Mathematics	Z. A. Melzak		Dover Publications	2007	BLL	Surveys of Mathematics Mathematical Modeling Geometry Calculus Applied Mathematics
Companion to the Papers of Donald Knuth	Donald E. Knuth		CSLI Publications	2011	BLL	Biography Classic Works Collected Works
Compartmental Analysis in Biology and Medicine	John A. Jacquez	2	University of Michigan Press	1985	BLL*	Mathematical Biology Biostatistics
Complex Analysis	Joseph Bak and Donald J. Newman	3	Springer	2010	BLL	Complex Analysis
Complex Analysis : An Introduction to The Theory of Analytic Functions of One Complex Variable	Lars Ahlfors	3	McGraw-Hill	1979	BLL***	Complex Analysis
Complex Analysis in One Variable	Raghavan Narasimhan and Yves Nievergelt	2	Birkhauser	2000	BLL	Analysis
Complex Analysis: The Geometric Viewpoint	Steven G. Krantz	2	Mathematical Association of America	2003	BLL***	Complex Analysis
Complex Function Theory	Maurice Heins		Academic Press	1969	BLL	Analysis
Complex Made Simple	David C. Ullrich		American Mathematical Society	2008	BLL	Complex Analysis
Complex Numbers from A to...Z	Titu Andreescu and Dorin Andrica	2	Birkhauser	2014	BLL	College Algebra Euclidean Geometry High School Mathematics Problems Olympiad Level
Complex Variables	Stephen D. Fisher	2	Dover Publications	1999	BLL	Complex Analysis Several Complex Variables
Complex Variables	George Polya and Gordon Latta		John Wiley	1974	BLL*	Complex Analysis
Complex Variables: Principles and Problem Sessions	A. K. Kapoor		World Scientific	2011	BLL	Complex Analysis
Complexities: Women in Mathematics	Bettye Anne Case and Anne M. Leggett, editors		Princeton University Press	2005	BLL**	Biography History of Mathematics Women in Mathematics
Complexity, Language, and Life: Mathematical Approaches	John L. Casti and Anders Karlqvist		Springer	1986	BLL	Mathematical Biology
Computability and Logic	George S. Boolos, John P. Burgess, and Richard C. Jeffrey	4	Cambridge University Press	2002	BLL*	Logic
Computability and Unsolvability	Martin D. Davis		Dover Publications	1982	BLL**	Logic Theory of Computation
Computability in Analysis and Physics	Marian Boykan Pour-El and J. Ian Richards		Springer	1989	BLL*	Theory of Computation Logic
Computability: An Introduction to Recursive Function Theory	N. J. Cutland		Cambridge University Press	1980	BLL	Algorithms Theory of Computation Logic
Computational Complexity Theory	Juris Hartmanis, editor		American Mathematical Society	1989	BLL*	Algorithms
Computational Geometry: An Introduction	Franco P. Preparata and Michael Ian Shamos		Kluwer Academic Publishers	1993	BLL*	Algorithms Computational Geometry Geometry
Computational Matrix Analysis	Alan J. Laub		SIAM	2012	BLL	Numerical Analysis Numerical Linear Algebra
Computational Methods for Integral Equations	L. M. Delves and J. L. Mohamed		Cambridge University Press	1988	BLL*	Integral Equations Numerical Analysis
Computational Topology: An Introduction	H. Edelsbrunner and J. L. Harer		American Mathematical Society	2010	BLL	Computational Topology
Computed Tomography	L. A. Shepp		American Mathematical Society	1983	BLL*	Mathematical Biology Mathematical Modeling
Computer Age Statistical Inference	Bradley Efron and Trevor Hastie		Cambridge University Press	2016	BLL*	Statistical Inference Statistics
Computer Methods for Mathematical Computations	George Elmer Forsythe, Michael A. Malcolm, and Cleve B. Moler		Prentice Hall	1977	BLL*	Scientific Computation Numerical Analysis
Computers and Intractability: A Guide to the Theory of NP-Completeness	M. R. Garey and D. S. Johnson		W. H. Freeman	1979	BLL***	Algorithms
Computers and Mathematics: The Use of Computers in Undergraduate Instruction	David A. Smith		Mathematical Association of America	1988	BLL**	Mathematics Education Mathematical Software
Computing the Continuous Discretely: Integer-Point Enumeration in Polyhedra	Matthias Beck and Sinai Robins	2	Springer	2015	BLL	Combinatorics Discrete Mathematics Number Theory Polytopes
Computing the Continuous Discretely: Integer-Point Enumeration in Polyhedra	Mathias Beck and Sinai Robins		Springer Verlag	2007	BLL	Polytopes Number Theory Discrete Mathematics Combinatorics
Concepts of Mathematical Modeling	Walter J. Meyer		Dover Publications	2004	BLL*	Mathematical Modeling
Concepts of Modern Mathematics	Ian Stewart		Dover Publications	2015	BLL	Mathematics for the General Reader Surveys of Mathematics
Conceptual and Procedural Knowledge: The Case of Mathematics	James Hiebert, editor		Lawrence Erlbaum	1986	BLL**	Mathematics Education Mathematics Education Research
Conceptual Foundations of Quantum Mechanics	Bernard D'Espagnat	2	Westview Press	1999	BLL*	Quantum Mechanics
Concrete Mathematics: A Foundation for Computer Science	Ronald L. Graham, Donald E. Knuth, and Oren Patashnik	2	Addison-Wesley	1994	BLL***	Algorithms Combinatorics Computer Science Discrete Mathematics
Configurations from a Graphical Viewpoint	Toma�� Pisanski and Brigitte Servatius		Birkhauser	2013	BLL	Combinatorial Geometry Combinatorics Graph Theory
Configurations of Points and Lines	Branko Grunbaum		American Mathematical Society	2009	BLL	Combinatorial Geometry
Conformal Mapping	Zeev Nehari		Dover Publications	1982	BLL*	Conformal Geometry Complex Analysis
Connections: The Geometric Bridge Between Art and Science	Jay Kappraff	2	World Scientific	2001	BLL**	Mathematics for the General Reader Surveys of Mathematics
Constitutional Calculus: The Math of Justice and the Myth of Common Sense	Jeff Suzuki		Johns Hopkins University Press	2015	BLL	Mathematics and Society Social Choice Theory
Constructive Analysis	Errett Bishop and Douglas Bridges		Springer	1985	BLL	Analysis Philosophy of Mathematics
Constructive Combinatorics	Dennis Stanton and Dennis White		Springer Verlag	1986	BLL*	Combinatorics
Contemporary Abstract Algebra	Joseph A. Gallian	8	Brooks/Cole Cengage	2012	BLL**	Abstract Algebra
Contemporary Abstract Algebra	Joseph A. Gallian	7	Brooks/Cole	2010	BLL**	Algebra Abstract Algebra
Contemporary Business Mathematics for Colleges	James E. Deitz and James L. Southam	15	South-Western College Publishing	2008	BLL	Mathematics for Business
Contemporary Mathematics	Bruce E. Meserve, Max A. Sobel, and John A. Dossey	4	Prentice Hall	1986	BLL**	Liberal Arts Mathematics Elementary Mathematics
Continued Fractions	A. Ya. Khinchin		Dover Publications	1997	BLL	Elementary Number Theory Continued Fractions Number Theory
Continued Fractions: Analytic Theory and Applications	William B. Jones and W. J. Thron		Cambridge University Press	2009	BLL	Analysis
Continuous Symmetry: From Euclid to Klein	William Barker and Roger Howe		American Mathematical Society	2007	BLL**	Transformation Geometry Group Theory Geometry Euclidean Geometry
Contributions to the History of Number Theory in the 20th Century	Peter Roquette		European Mathematical Society	2013	BLL*	History of Mathematics Number Theory
Convergence of Probability Measures	Patrick Billingsley	2	John Wiley	1999	BLL*	Measure Theory Real Analysis
Convex Figures	I. M. Yaglom and V. G. Boltyanskii		Holt, Rinehart and Winston	1961	BLL*	Convex Geometry
Convex Polytopes	Branko Grunbaum	2	Springer	2003	BLL*	Polytopes Geometry
Convex Sets and Their Applications	Steven R. Lay		Dover Publications	2007	BLL**	Convex Analysis Convex Geometry Optimization
Convex Structures and Economic Theory	Hukukane Nikaido		Academic Press	1969	BLL	Convex Analysis Mathematical Economics
Cooperative Learning in Mathematics: A Handbook for Teachers	Neil Davidson, editor		Pearson Prentice Hall	1989	BLL*	Teaching Mathematics

Correspondence of Leonhard Euler with Christian Goldbach Part 1	F. Lemmermeyer and M. Mattmuller, editors		Birkhauser	2016	BLL	Biography History of Mathematics
Correspondence of Leonhard Euler with Christian Goldbach Part II	F. Lemmermeyer and M. Mattmueller, editors		Birkhauser	2016	BLL	Biography History of Mathematics
Cost of Living Index Numbers: Practice, Precision, and Theory	Kali S. Banerjee		Marcel Dekker	1977	BLL	Mathematical Social Science
Cost-Benefit Analysis: A Handbook	Peter G. Sassone and William A. Schaffer		Academic Press	1978	BLL	Mathematical Economics
Count Like an Egyptian: A Hands-On Introduction to Ancient Mathematics	David Reimer		Princeton University Press	2014	BLL*	History of Mathematics Non-Western Cultures
Counterexamples in Analysis	Bernard R. Gelbaum and John M. H. Olmsted		Dover Publications	2003	BLL**	Real Analysis Analysis
Doing Bayesian Data Analysis	John K. Kruschke	2	Academic Press	2015	BLL	Bayesian Statistics Data Analysis Statistics
Dosage Calculations	Gloria D. Pickar	7	Thomson Delmar Learning	2003	BLL**	Mathematics for Health Careers
Drug Dosage Calculations: A Guide for Clinical Practice	Geraldine Ann Medici		Prentice Hall	1980	BLL*	Technical Mathematics Mathematics for Health Careers
Duel at Dawn: Heroes, Martyrs, and the Rise of Modern Mathematics	Amir Alexander		Harvard University Press	2010	BLL	Mathematics for the General Reader History of Mathematics
Dynamic Modeling in Behavioral Ecology	Marc Mangel and Colin Whitcomb Clark		princeton University Press	1988	BLL**	Mathematical Biology Mathematical Modeling
Dynamic Optimization: The Calculus of Variations and Optimal Control in Economics and Management	Morton I. Kamien and Nancy L. Schwartz	2	Elsevier	1991	BLL*	Optimization Calculus of Variations
Dynamical Systems and Linear Algebra	Fritz Colonius and Wolfgang Kliemann		American Mathematical Society	2014	BLL	Dynamical Systems Linear Algebra
Dynamical Systems with Applications Using MATLAB®	Stephen Lynch	2	Birkhauser	2014	BLL	Dynamical Systems
Dynamical Systems: An Introduction	Luis Barreira and Claudia Valls		Springer	2013	BLL	Dynamical Systems Ergodic Theory
Dynamics	S. Neil Rasband		Krieger Publishing	1990	BLL	Classical Mechanics Mathematical Physics
Dynamics - The Geometry of Behavior	Ralph H. Abraham and Christopher D. Shaw, editors		Addison Wesley	1992	BLL*	Dynamical Systems
Dynamics Done with Your Bare Hands: Lecture Notes by Diana Davis, Bryce Weaver, Roland K. W. Roeder, and Pablo Lessa	Francoise Dal��"Bo, Francois Ledrappier, and Amie Wilkinson, editors		European Mathematical Society	2017	BLL	Dynamical Systems
Dynamics, Statistics and Projective Geometry of Galois Fields	V. I. Arnold		Cambridge University Press	2011	BLL	Finite Fields
Early Days in Complex Dynamics: A History of Complex Dynamics in One Variable During 1906-1942	Daniel S. Alexander, Felice Iavernaro and Alessandro Rosa		American Mathematical Society/London Mathematical Society	2012	BLL	Complex Dynamics Dynamical Systems History of Mathematics
Education and Learning to Think	Lauren B. Resnick		National Academy Press	1987	BLL***	Mathematics Education
Einstein's Universe	Nigel Calder		Gramercy	1988	BLL	Science for the General Reader
Electricity and Magnetism for Mathematicians: A Guided Path from Maxwell��'s Equations to Yang-Mills	Thomas A. Garrity		Cambridge University Press	2015	BLL	Mathematical Physics Quantum Field Theory Quantum Mechanics
Elementary Algebraic Geometry	Keith Kendig	2	Dover Publications	2015	BLL	Algebraic Geometry
Elementary Analysis: The Theory of Calculus	Kenneth A. Ross	2	Springer	2013	BLL	Advanced Calculus Analysis Real Analysis
Elementary Analysis: The Theory of Calculus	Kenneth A. Ross		Springer	1980	BLL*	Advanced Calculus Analysis Real Analysis
Elementary Applications of Probability Theory	Henry C. Tuckwell	2	Chapman & Hall/CRC	1995	BLL*	Applied Probability Probability
Elementary Business Statistics: The Modern Approach	John E. Freund, Frank J. Williams, and Benjamin M. Perles		Prentice Hall	1992	BLL**	Statistics
Elementary Calculus: An Infinitesimal Approach	H. Jerome Keisler		Dover Publications	2012	BLL*	Calculus Nonstandard Analysis
Elementary Classical Analysis	Jerrold E. Marsden and Michael J. Hoffman	2	W. H. Freeman	1993	BLL	Real Analysis
Elementary Concepts of Topology	Paul Alexandroff		Dover Publications	1961	BLL*	General Topology
Elementary Cryptanalysis: A Mathematical Approach	Abraham Sinkov, revised and updated by Todd Feil	2	Mathematical Association of America	2009	BLL	Cryptography
Elementary Decision Theory	Herman Chernoff and Lincoln E. Moses		Dover Publications	1987	BLL	Statistics
Elementary Differential Equations and Boundary Value Problems	William E. Boyce and Richard C. DiPrima	8	John Wiley	2005	BLL***	Differential Equations Ordinary Differential Equations Partial Differential Equations
Elementary Differential Equations With Applications	C. H. Edwards and David E. Penney		Prentice Hall	1994	BLL**	Ordinary Differential Equations
Elementary Differential Geometry	Christian B���r		Cambridge University Press	2010	BLL	Differential Geometry
Elementary Differential Geometry	Andrew Pressley	2	Springer	2010	BLL*	Differential Geometry
Elementary Differential Geometry	Barrett O'Neill	2	Academic Press	2006	BLL	Differential Forms Differential Geometry
Elementary Fluid Dynamics	D. J. Acheson		Oxford University Press	1990	BLL*	Fluid Mechanics Mathematical Physics
Elementary Geometry from an Advanced Standpoint	Edwin Moise	3	Addison Wesley	1990	BLL	Euclidean Geometry Transformation Geometry
Elementary Information Theory	Douglas Samuel Jones		Oxford University Press	1979	BLL**	Coding Theory
Elementary Linear Algebra	Howard Anton	9	John Wiley	2005	BLL	Linear Algebra
Elementary Linear Algebra	Stanley I. Grossman		Brooks/Cole	2004	BLL	Linear Algebra
Elementary Linear Algebra: Applications Version	Howard Anton and Chris Corres	10	John Wiley	2010	BLL	Linear Algebra
Elementary Linear Algebra: Applications Version	Howard Anton and Chris Corres	9	John Wiley	2005	BLL	Linear Algebra
Elementary Linear Programming with Applications	Bernard Kolman and Robert E. Beck	2	Academic Press	1995	BLL*	Linear Optimization Optimization
Elementary Mathematics from a Higher Standpoint, Volume I: Arithmetic, Algebra, Analysis	Felix Klein		Springer	2016	BLL**	Algebra Analysis Classic Works Elementary Mathematics Surveys of Mathematics
Elementary Mathematics from a Higher Standpoint, Volume II: Geometry	Felix Klein		Springer	2016	BLL*	Elementary Mathematics Geometry Surveys of Mathematics
Elementary Mathematics from a Higher Standpoint, Volume III: Precision Mathematics and Approximation Mathematics	Felix Klein		Springer	2016	BLL*	Elementary Mathematics Surveys of Mathematics
Elementary Number Theory	David M. Burton	6	McGraw-Hill	2007	BLL	Elementary Number Theory Number Theory
Elementary Number Theory	Underwood Dudley	2	Dover Publications	2008	BLL*	Elementary Number Theory
Elementary Number Theory	Edmund Landau		American Mathematical Society/Chelsea	1999	BLL*	Elementary Number Theory Number Theory
Elementary Number Theory and Its Applications	Kenneth H. Rosen	6	Addison-Wesley	2011	BLL	Elementary Number Theory
Elementary Numerical Analysis	Kendall Atkinson and Weimin Han	3	John Wiley	2004	BLL*	Numerical Analysis
Elementary Numerical Analysis: An Algorithmic Approach	Samuel Daniel Conte		McGraw-Hill	1980	BLL*	Numerical Analysis
Elementary Partial Differential Equations With Boundary Value Problems	Larry C. Andrews		Houghton Mifflin Harcourt	1986	BLL	Partial Differential Equations
Elementary Point Set Topology	R. H Bing		Mathematical Association of America	1960	BLL*	Topology General Topology
Elementary Probability With Stochastic Processes and an Introduction to Mathematical Finance	Kai Lai Chung and Farid AitSahlia	4	Springer Verlag	1979	BLL***	Probability Stochastic Processes
Elementary School Mathematics: Teaching Developmentally	John A. Van De Walle	2	Longman	1994	BLL*	Mathematics Education
Elementary Stability and Bifurcation Theory	Gerard Iooss and Daniel D. Joseph	2	Springer Verlag	1997	BLL*	Dynamical Systems
Elementary Statistical Quality Control	John T. Burr	2	Chapman & Hall/CRC	2004	BLL	Quality Control Statistics
Elementary Survey Sampling	Richard L. Scheaffer, III, William Mendenhall, and R. Lyman Ott	6	Duxbury Press	2005	BLL**	Sampling and Surveys Statistics
Elementary Technical Mathematics	Dale Ewen and C. Robert Nelson	8	Brooks Cole	2002	BLL**	Elementary Mathematics Industrial Mathematics
Elementary Theory of Numbers	W. Sierpinsky	2	North Holland	1988	BLL*	Number Theory Elementary Number Theory
Elementary Topics in Differential Geometry	John A. Thorpe		Springer Verlag	1979	BLL	Differential Geometry
Elementary Topology	Michael C. G��mignani	2	Dover Publications	1990	BLL	General Topology Homotopy Theory
Elementary Topology: A Combinatorial and Algebraic Approach	Donald W. Blackett		Academic Press	1982	BLL*	Topology Algebraic Topology
Elements of Algebra	Leonhard Euler		Springer	1984	BLL**	Classic Works Classical Algebra History of Mathematics
Elements of Algebra and Algebraic Computing	John D. Lipson		Addison-Wesley	1981	BLL	Algebra Applied Algebra
Elements of Algebra and Algebraic Computing	John D. Lipson		Addison-Wesley	1981	BLL	Applied Algebra Algebra
Elements of Algebraic Topology	James R. Munkres		Westview Press	1995	BLL**	Algebraic Topology
Elements of Applied Stochastic Processes	U. Narayan Bhat and Gregory K. Miller	3	John Wiley	2002	BLL*	Stochastic Processes
Elements of Differentiable Dynamics and Bifurcation Theory	David Ruelle		Academic Press	1989	BLL**	Dynamical Systems
Elements of Differential Geometry	Richard S. Millman and George D. Parker		Prentice Hall	1977	BLL*	Differential Geometry Dynamical Systems
Elements of Differential Topology	Anant R. Shastri		Chapman & Hall/CRC	2011	BLL	Differential Topology
Elements of Distribution Theory	Thomas A. Severini		Cambridge University Press	2011	BLL	Mathematical Statistics Probability Theory Statistical Distributions
Elements of Functional Analysis	L. A Ljusternik		F. Ungar	1961	BLL*	Functional Analysis
Elements of Mathematical Biology	Alfred J. Lotka		Dover Publications	1956	BLL*	Mathematical Biology
Elements of Mathematical Sociology	Murray A. Beauchamp		Random House	1970	BLL	Mathematical Social Science
Elements of Mathematics: Algebra II: Chapters 4-7	Nicolas Bourbaki		Springer Verlag	2003	BLL*	Abstract Algebra Algebra
Elements of Mathematics: Algebra, Chapters 1-3	Nicolas Bourbaki		Springer	1998	BLL*	Abstract Algebra Algebra
Elements of Mathematics: Commutative Algebra, Chapters 1-7	Nicholas Bourbaki		Springer Verlag	1989	BLL*	Abstract Algebra Algebra Commutative Algebra
Elements of Mathematics: From Euclid to Godel	John Stillwell		Princeton University Press	2016	BLL	Mathematics for the General Reader Philosophy of Mathematics Surveys of Mathematics
Elements of Mathematics: General Topology. Chapters 1-4	N. Bourbaki		Springer Verlag	1998	BLL	General Topology
Elements of Mathematics: General Topology. Chapters 5-10	N. Bourbaki		Springer Verlag	1989	BLL	General Topology
Elements of Number Theory	Ivan Matveevich Vinogradov		Dover Publications	2003	BLL	Elementary Number Theory Number Theory
Elements of Relativity Theory	D. F. Lawden		Dover Publications	2004	BLL	General Relativity Mathematical Physics
Elements of Scientific Computing	Aslak Tveito, Hans Petter Langtangen, Bj���rn Frederik Nielsen, and Xing Cai		Springer	2010	BLL*	Scientific Computation Numerical Analysis
Elements of Set Theory	Herbert B. Enderton		Academic Press	1977	BLL*	Set Theory
Elements of Simulation	Byron J.T. Morgan		Chapman & Hall/CRC	1984	BLL	Mathematical Modeling Simulation
Elements of Statistical Computing: Numerical Computation	R. A. Thisted		Chapman & Hall/CRC	1988	BLL*	Mathematical Software Statistics
Elements of the Theory of Algebraic Curves	Abraham Seidenberg		Addison-Wesley	1968	BLL*	Algebraic Geometry
Elements of the Theory of Elliptic Functions	N. I. Akhiezer		American Mathematical Society	1990	BLL**	Special Functions Elliptic Functions
Elements of the Theory of Numbers	Thomas P. Dence and Joseph B. Dence		Academic Press	1999	BLL**	Elementary Number Theory
Elements of Topology	Tej Bahadur Singh		Chapman & Hall/CRC	2013	BLL	Algebraic Topology General Topology Topology
Elements of Vibration Analysis	Leonard Meirovitch		McGraw-Hill	1986	BLL	Engineering Mathematics

Elgenfunction Expansions Associated With Second Order Differential Equations	E. C. Titchmarsh		Oxford University Press	1950	BLL	Partial Differential Equations
Elliptic and Modular Functions from Gauss to Dedekind to Hecke	Ranjan Roy		Cambridge University Press	2017	BLL	Elliptic Functions History of Mathematics Modular Forms and Functions Number Theory
Elliptic Curves	Dale Husemoller	2	Springer	2010	BLL	Number Theory Elliptic Curves Arithmetic Algebraic Geometry
Elliptic Functions	Komaravolu Chandrasekharan		Springer Verlag	2005	BLL	Number Theory Special Functions
Elliptic Functions	Serge Lang	2	Springer Verlag	1987	BLL*	Number Theory Elliptic Curves Arithmetic Algebraic Geometry
Elliptic Functions According to Eisenstein and Kronecker	Andre Weil		Springer	1999	BLL*	Special Functions History of Mathematics Elliptic Functions
Emmy Noether in Bryn Mawr : Proceedings of a Symposium in Honor of Emmy Noether's 100th Birthday	Bhama Srinivasan and Judy D. Sally, editors		Springer Verlag	1983	BLL*	Biography History of Mathematics Women in Mathematics
Emmy Noether: 1882-1935	Auguste Dick		Birkhauser	1981	BLL**	Biography History of Mathematics Women in Mathematics
Emmy Noether: A Tribute to Her Life and Work	Martha K. Smith, James W. Brewer		Marcel Dekker	1981	BLL*	Biography
Empirical Model Building	James R. Thompson		John Wiley	1989	BLL*	Mathematical Modeling
Flatland: A Journey of Many Dimensions	Edwin A. Abbott		Princeton University Press	1991	BLL***	Classic Works Fiction and Poetry Geometry
Flatland: An Edition with Notes and Commentary	Edwin A. Abbott, William F. Lindgren, and Thomas F. Banchoff		Cambridge University Press and Mathematical Association of America	2009	BLL	Classic Works Fiction and Poetry Geometry Mathematics for the General Reader
Flows in Networks	L. R. Ford, Jr., and D. R. Fulkerson		Princeton University Press	2010	BLL*	Algorithms Combinatorial Optimization Graph Theory Industrial Mathematics Networks Operations Research
Food Webs and Niche Space	Joel E. Cohen and David W. Stephens		Princeton University Press	2001	BLL*	Mathematical Biology Mathematical Modeling
Foolproof, and Other Mathematical Meditations	Brian Hayes		MIT Press	2017	BLL	Mathematics for the General Reader
For All Practical Purposes - Introduction to Contemporary Mathematics	Consortium for Mathematics and Its Applications		W H Freeman	1991	BLL**	Mathematical Modeling Applied Mathematics
Forecasting with Univariate Box - Jenkins Models: Concepts and Cases	Alan Pankratz		John Wiley	1983	BLL	Statistics
Forever Undecided: A Puzzle Guide to Godel	Raymond M. Smullyan		Knopf	1987	BLL*	Recreational Mathematics Mathematics for the General Reader
Foundations and Fundamental Concepts of Mathematics	Howard Eves	3	Dover Publications	1997	BLL	Philosophy of Mathematics
Foundations of Analysis	Edmund Landau	3	Chelsea/AMS	2001	BLL**	Classic Works Proofs and Logic Transition to Advanced Mathematics
Foundations of Applied Mathematics	Michael D. Greenberg		Dover Publications	1978	BLL*	Applied Mathematics Calculus Fourier Analysis Mathematical Methods of Science Ordinary Differential Equations Partial Differential Equations Vector Calculus
Foundations of Constructive Analysis	Errett Bishop		McGraw-Hill	1967	BLL**	Philosophy of Mathematics
Foundations of Differentiable Manifolds and Lie Groups	Frank, W. Warner		Springer Verlag	1983	BLL	Differential Topology Lie Groups Manifolds
Foundations of Differential Geometry, Volume 1	Shoshichi Kobayashi and Katsumi Nomizu		John Wiley	1996	BLL*	Differential Geometry
Foundations of Differential Geometry, Volume 2	Shoshichi Kobayashi and Katsumi Nomizu		John Wiley	1996	BLL*	Differential Geometry
Foundations of Digital Signal Processing and Data Analysis	James A. Cadzow		Macmillan	1987	BLL	Signal Processing
Foundations of Euclidean and Non-Euclidean Geometry	Richard L. Faber		CRC Press	1983	BLL*	Non-Euclidean Geometry Geometry Euclidean Geometry
Foundations of Geometry	David Hilbert	2	Open Court	1999	BLL***	Euclidean Geometry Logic
Foundations of Higher Mathematics: Exploration and Proof	Daniel Fendel and Diane Resek		Addison Wesley	1990	BLL*	Proofs and Logic Transition to Advanced Mathematics
Foundations of Infinitesimal Calculus	H. Jerome Keisler		Prindle Weber & Schmidt	1976	BLL*	Nonstandard Analysis
Foundations of Linear and Generalized Linear Models	Alan Agresti		John Wiley	2015	BLL	Linear Models Mathematical Statistics Statistics
Foundations of Mathematical Logic	Haskell B. Curry	2	Dover Publications	1977	BLL	Logic Philosophy of Mathematics
Foundations of Mathematics	Thomas Q. Sibley		John Wiley	2010	BLL**	Transition to Advanced Mathematics
Foundations of Potential Theory	Oliver Dimon Kellogg		Dover Publications	1954	BLL	Partial Differential Equations Potential Theory Vector Calculus
Foundations of Probability Theory, Statistical Inference, and Statistical Theories of Science, Vol II	W.L. Harper and C.A. Hooker, editors		Springer Verlag	1975	BLL	Probability Theory
Foundations of Set Theory	A.A. Fraenkel, Y. Bar-Hillel, and A. Levy	2	North Holland	1973	BLL**	Set Theory
Foundations of Solid Mechanics	Y. C. Fung		Prentice Hall	1965	BLL*	Continuum Mechanics
Foundations of the Mathematical Theory of Electromagnetic Waves	Carl Muller		Springer	1969	BLL	Mathematical Physics
Foundations of the Theory of General Equilibrium	Yves Balasko		Academic Press	1988	BLL*	Mathematical Economics
Foundations of the Theory of Probability	A. N. Kolmogorov	2	Chelsea	1956	BLL**	Probability Theory Classic Works
Four Colors Suffice: How the Map Problem Was Solved	Robin Wilson		Princeton University Press	2002	BLL***	Combinatorics Famous Problems Graph Theory History of Mathematics
Fourier Analysis	T. W. Korner		Cambridge University Press	1989	BLL*	Fourier Analysis
Fourier Analysis on Groups	Walter Rudin		John Wiley	1990	BLL*	Harmonic Analysis
Fourier Analysis, Part I - Theory	Adrian Constantin		Cambridge University Press	2017	BLL	Fourier Analysis
Fourier Series	G. H. Hardy and W. W. Rogosinski		Dover Publications	2013	BLL	Fourier Analysis
Fourier Series and Boundary Value Problems	James Ward Brown and Ruel V. Churchill	7	McGraw-Hill	2006	BLL***	Partial Differential Equations Harmonic Analysis Fourier Analysis
Fourier Series and Integrals	H. Dym and Henry P. McKean, editors		Academic Press	1985	BLL*	Fourier Analysis
Fourier Series and Integrals of Boundary Value Problems	J. Ray Hanna and J. H. Rowland		John Wiley	1982	BLL	Partial Differential Equations
Fourier Series and Orthogonal Polynomials	Dunham Jackson		Dover Publications	2004	BLL	Fourier Analysis Harmonic Analysis Orthogonal Polynomials
Fourier Series, A Modern Introduction, Volume 1	R. E. Edwards	2	Springer	1979	BLL	Analysis
Fourier Series. A Modern Introduction, Volume 2	R. E. Edwards	2	Springer	1982	BLL	Analysis
Fractal Geometry: Mathematical Foundations and Applications	Kenneth Falconer	3	Wiley	2014	BLL*	Complex Dynamics Fractals
Fractals Everywhere	Michael F. Barnsley		Dover Publications	2012	BLL*	Fractals
Fractals, Chaos, Power Laws: Minutes from an Infinite Paradise	Manfred Schroeder		W. H. Freeman	1992	BLL**	Fractals
Fractals: A Very Short Introduction	Kenneth Falconer		Oxford University Press	2013	BLL	Fractals Mathematics for the General Reader
Fractals: Endlessly Repeated Geometrical Figures	Hans Lauwerier		Princeton University Press	1991	BLL*	Fractals
Free and Moving Boundary Problems	John Crank		Oxford University Press	1987	BLL	Partial Differential Equations
Free Rings and Their Relations	Paul M. Cohn	2	Academic Press	1985	BLL	Algebra Applied Algebra
From Affine to Euclidean Geometry: An Axiomatic Approach	Wanda Szmielew		Springer Verlag	2001	BLL*	Euclidean Geometry Geometry
From Cardano's Great Art to Lagrange's Reflections: Filling a Gap in the History of Algebra	Jacqueline Stedall		European Mathematical Society	2011	BLL*	Classical Algebra History of Mathematics
From Clocks to Chaos:The Rhythms of Life	Leon Glass and Michael C. Mackey		Princeton University Press	1988	BLL*	Mathematical Biology Mathematical Modeling
From Error-Correcting Codes Through Sphere Packings to Simple Groups	Thomas M. Thompson and William Watkins		Mathematical Association of America	2004	BLL***	Coding Theory Combinatorial Geometry Group Theory Sphere Packing
From Fermat to Minkowski: Lectures on the Theory of Numbers and Its Historical Development	W. Scharlau and H. Opolka		Springer Verlag	2005	BLL*	Elementary Number Theory Number Theory
From Five Fingers to Infinity: A Journey Through The History of Mathematics	Frank J. Swetz, editor		Open Court	2018	BLL**	History of Mathematics
From Frege to Godel : A Source Book in Mathematical Logic, 1879-1931	Jean van Heijenoort, editor		Harvard University Press	2002	BLL**	Classic Works History of Mathematics
From Kant to Hilbert, Volume I	William Ewald		Oxford University Press	2018	BLL**	Foundations of Mathematics History of Mathematics
From Kant to Hilbert, Volume II	William Ewald		Oxford University Press	2018	BLL**	Foundations of Mathematics History of Mathematics
From Pythagoras to Einstein	K. O. Friedrichs		Mathematical Association of America	1975	BLL*	Geometry History of Mathematics Mathematics for the General Reader
From the Calculus to Set Theory 1630-1910	I. Grattan-Guinness		Princeton University Press	2000	BLL**	Analysis Calculus History of Mathematics Set Theory
Functional Analysis	Kosaku Yosida	6	Springer	1995	BLL**	Functional Analysis
Functional Analysis	Frigyess Riesz and Bela Sz.-Nagy		Dover Publications	1990	BLL**	Functional Analysis
Functional Analysis	Joseph Muscat		Springer	2014	BLL	Banach Algebras Functional Analysis Hilbert Spaces Metric Spaces
Functional Analysis and Semi-groups	E Hille and R S Phillips		American Mathematical Society	1996	BLL*	Semigroups of Operators Functional Analysis
Functional Analysis: An Elementary Introduction	Markus Haase		American Mathematical Society	2014	BLL	Functional Analysis
Functional Equations and How to Solve Them	Christopher G. Small		Springer Verlag	2007	BLL	Functional Equations Problems Olympiad Level
Functions of Matrices: Theory and Computation	Nicholas J. Higham		SIAM	2008	BLL	Analysis Linear Algebra Numerical Linear Algebra Operator Theory
Functions of One Complex Variable I	John B. Conway	7	Springer	1995	BLL**	Complex Analysis
Functions of One Complex Variable II	John B. Conway		Springer	1995	BLL**	Complex Analysis
Functions of Several Real Variables	Martin Moskowitz and Fotios Paliogiannis		World Scientific	2011	BLL	Multivariable Calculus Real Analysis Vector Calculus
Fundamental Concepts of Actuarial Science	Charles L. Trowbridge		Actuarial Education and Research Fund	1989	BLL	Actuarial Science
Fundamental Mathematics for Health Careers	Jerome D. Hayden and Howard T. Davis	3	Thomson Delmar Learning	1995	BLL***	Mathematics for Health Careers
Fundamentals Business Math	Walter E. Williams	6	William C. Brown	1994	BLL	Mathematics for Business
Fundamentals of Abstract Analysis	Andrew M. Gleason		A K Peters	1991	BLL	Transition to Advanced Mathematics Set Theory Real Analysis
Fundamentals of Algebraic Topology	Steven H. Weintraub		Springer	2014	BLL	Algebraic Topology
Fundamentals of Freshman Mathematics	Carl Barnett Allendoerfer	3	Mcgraw-Hill	1972	BLL	Pre-Calculus
Fundamentals of Mathematics: Geometry, Vol. II	H. Behnke, F. Bachmann , K. Fladt, and W. Suss, editors		MIT Press	1974	BLL	Mathematics for the General Reader Surveys of Mathematics
Fundamentals of Mathematics: The Real Number System and Algebra, Vol. I	H. Behnke, F. Bachmann , K. Fladt, and W. Suss, editors		MIT Press	1974	BLL	Mathematics for the General Reader Surveys of Mathematics
Fundamentals of Matrix Computations	David S. Watkins	3	Wiley	2017	BLL	Numerical Analysis Numerical Linear Algebra
Fundamentals of Performance Modeling	Michael K. Molloy		Prentice Hall	1988	BLL	Mathematical Modeling
Fundamentals of Queueing Theory	Donald Gross, John F. Shortle, James M. Thompson, and Carl M. Harris	4	John Wiley	2008	BLL***	Queueing Theory
Fundamentals of the Theory of Operator Algebras. Volume I: Elementary Theory	Richard V. Kadison, John R. Ringrose		American Mathematical Society	1997	BLL*	Operator Theory
Future of College Mathematics	A. Ralston and Gail S. Young, editors		Springer	1983	BLL*	Mathematics Education
Galois and the Theory of Groups: A Bright Star in Mathesis	Lillian R. Lieber		Galois Institute of Mathematics and Art	1961	BLL*	Group Theory Galois Theory
Galois Theory	Harold Edwards		Springer Verlag	1997	BLL*	Abstract Algebra Galois Theory
Galois Theory	Ian Stewart	3	Chapman Hall/CRC	2003	BLL***	Galois Theory Abstract Algebra
Galois Theory	Steven H. Weintraub		Springer Verlag	2006	BLL**	Abstract Algebra Field Theory Galois Theory
Galois Theory	Steven H. Weintraub	2	Springer	2009	BLL**	Galois Theory
Galois Theory: Lectures Delivered at the University of Notre Dame	Emil Artin		Dover Publications	1998	BLL**	Classic Works Field Theory Galois Theory

Galois' Theory of Algebraic Equations	Jean-Pierre Tignol	2	World Scientific	2016	BLL*	Galois Theory History of Mathematics
Game Theory	Guillermo Owen	3	Academic Press	1995	BLL	Game Theory
Game Theory and Its Applications	William F. Lucas		American Mathematical Society	1981	BLL*	Game Theory
Game Theory and National Security	Steven Brams and D. Marc Kilgour		Blackwell Publishers	1988	BLL	Game Theory
Game Theory and Political Theory: An Introduction	Peter C. Ordeshook		Cambridge University Press	1986	BLL	Mathematical Social Science Game Theory
Game Theory in Action: An Introduction to Classical and Evolutionary Models	Stephen Schecter and Herbert Gintis		Princeton University Press	2016	BLL	Game Theory
Game Theory in the Social Sciences, Volume 1: Concepts and Solutions	Martin Shubik		MIT Press	1985	BLL*	Game Theory
Game Theory in the Social Sciences, Volume 2: A Game-Theoretic Approach to Political Economy	Martin Shubik		MIT Press	1987	BLL*	Game Theory
Game Theory through Examples	Erich Prisner		Mathematical Association of America	2014	BLL	Game Theory
Game Theory with Engineering Applications	Dario Bauso		SIAM	2016	BLL	Game Theory
Game Theory: A Nontechnical Introduction	Morton D. Davis		Dover Publications	2015	BLL*	Game Theory
Game Theory: A Playful Introduction	Matt DeVos and Deborah A. Kent		American Mathematical Society	2017	BLL	Combinatorial Games Game Theory
Game Theory: Analysis of Conflict	Roger B. Myerson		Harvard University Press	1997	BLL**	Game Theory
Game Theory: Mathematical Models of Conflict	A. J. Jones		Horwood Publishing Limited	2000	BLL	Game Theory
Games and Decisions: Introduction and Critical Survey	Robert Duncan Luce and Howard Raiffa		Dover Publications	1989	BLL**	Game Theory
Games and Mathematics: Subtle Connections	David Wells		Cambridge University Press	2013	BLL	Combinatorial Games Mathematics for the General Reader
Games, Gods, and Gambling: A History of Probability and Statistical Ideas	F. N. David		Dover Publications	1998	BLL*	Probability
Games, Puzzles, and Computation	Robert A. Hearn and Erik D. Demaine		A K Peters	2009	BLL*	Algorithms Combinatorial Games Theory of Computation
Gauss, Titan of Science	G. Waldo Dunnington		Mathematical Association of America	2004	BLL**	Biography History of Mathematics
Gauss: A Biographical Study	Walter K. Buhler		Springer Verlag	1987	BLL**	Biography History of Mathematics
General Equilibrium Models of Monetary Economies: Studies in the Static Foundation of Monetary Theory	Ross M. Starr, editor		Academic Press	1989	BLL**	Mathematical Economics
General Relativity	N. M. J. Woodhouse		Springer Verlag	2007	BLL	General Relativity Mathematical Physics
General Relativity from A to B	Robert Geroch		University Of Chicago Press	1981	BLL**	General Relativity Mathematical Physics
General Theory of Functions and Integrations	Angus E. Taylor		Dover Publications	1985	BLL	Real Analysis Measure Theory Integration
General Topology	John L. Kelley		Springer Verlag	1975	BLL*	General Topology
General Topology	Waclaw Sierpinski		Dover Publications	2000	BLL	General Topology
General Topology	Stephen Willard		Dover Publications	2004	BLL**	General Topology
Generalized Additive Models	T.J. Hastie and R.J. Tibshirani		Chapman & Hall/CRC	1990	BLL	Linear Models Regression Analysis Statistics
Generalized Functions, Volume 1: Properties and Operations	I. M. Gel'Fand and G. E. Shilov		AMS Chelsea Publishing	2016	BLL	Analysis Differential Equations Distributions Functional Analysis Harmonic Analysis Representation Theory
Generalized Functions, Volume 2: Spaces of Fundamental and Generalized Functions	I. M. Gel'Fand and G. E. Shilov		AMS Chelsea Publishing	2016	BLL*	Analysis Differential Equations Distributions Functional Analysis Harmonic Analysis Representation Theory
Generalized Functions, Volume 3: Theory of Differential Equations	I. M. Gel'Fand and G. E. Shilov		AMS Chelsea Publishing	2016	BLL*	Analysis Differential Equations Distributions Functional Analysis Harmonic Analysis Representation Theory
Generalized Functions, Volume 4: Applications of Harmonic Analysis	I. M. Gel'Fand and G. E. Shilov		AMS Chelsea Publishing	2016	BLL*	Analysis Differential Equations Distributions Functional Analysis Harmonic Analysis Representation Theory
Generalized Functions, Volume 5: Integral Geometry and Representation Theory	I. M. Gel'Fand and G. E. Shilov		AMS Chelsea Publishing	2016	BLL*	Analysis Differential Equations Distributions Functional Analysis Harmonic Analysis Representation Theory
Generalized Functions, Volume 6: Representation Theory and Automorphic Functions	I. M. Gel'Fand and G. E. Shilov		AMS Chelsea Publishing	2016	BLL*	Analysis Differential Equations Distributions Functional Analysis Harmonic Analysis Representation Theory
Generalized Hypergeometric Series	W. N. Bailey		Hafner Press	1972	BLL*	Special Functions
Generalized Inverses of Linear Transformations	Stephen L. Campbell and Carl D. Meyer		SIAM	2008	BLL*	Linear Algebra
Generalized Linear Models	P. McCullagh and John A. Nelder	2	Chapman & Hall/CRC	1989	BLL*	Linear Models Regression Analysis Statistics
generatingfunctionology	Herbert S. Wilf	3	A. K. Peters	2006	BLL**	Combinatorics Generating Functions
Genius at Play: The Curious Mind of John Horton Conway	Siobhan Roberts		Bloomsbury Publishing	2015	BLL*	Biography
Geometric Algebra	Emil Artin		Dover Publications	2016	BLL*	Classic Works Geometric Algebra
Geometric Dissections	Harry Lindgren		Van Nostrand Reinhold	1964	BLL**	Recreational Mathematics Combinatorial Geometry
Geometric Etudes in Combinatorial Mathematics	Alexander Soifer	2	Springer	2010	BLL*	Combinatorial Geometry Combinatorics Graph Theory
Geometric Folding Algorithms: Linkages, Origami, Polyhedra	Erik D. Demaine and Joseph O'Rourke		Cambridge University Press	2008	BLL	Combinatorial Geometry Algorithms
Geometric Inequalities	Nicholas D. Kazarinoff		Mathematical Association of America	1961	BLL**	Euclidean Geometry Geometric Inequalities Inequalities
Geometric Measure Theory: A Beginner's Guide	Frank Morgan	5	Academic Press	2016	BLL	Geometric Measure Theory
Geometric Mechanics and Symmetry: From Finite to Infinite Dimensions	Darryl D. Hol, Tanya Schmah, and Cristina Stoica		Oxford University Press	2009	BLL	Classical Mechanics Differential Geometry Lie Groups Mathematical Physics
Geometric Methods and Applications for Computer Science and Engineering	Jean Gallier	2	Springer	2011	BLL	Computer Graphics Computational Geometry Algorithms
Geometric Modeling	Michael E. Mortenson	3	Industrial Press	2006	BLL*	Differential Geometry Geometry Mathematical Modeling Mathematical Software
Geometric Origami	Robert Geretschläger		Arbelos	2008	BLL	Recreational Mathematics Euclidean Geometry
Geometric Probability	Herbert Solomon		SIAM	1987	BLL*	Probability Theory
Geometric Puzzle Design	Stewart Coffin		A K Peters	2007	BLL	Geometry Recreational Mathematics
Geometric Symmetry	E. H. Lockwood and R. H. MacMillan		Cambridge University Press	2009	BLL*	Geometry Symmetry
Geometric Transformations I	I. M. Yaglom		Mathematical Association of America	1962	BLL**	Euclidean Geometry Geometry Transformation Geometry
Geometric Transformations II	I. M. Yaglom		Mathematical Association of America	1968	BLL**	Euclidean Geometry Geometry Transformation Geometry
Geometric Transformations III	I. M. Yaglom		Mathematical Association of America	1973	BLL**	Euclidean Geometry Geometry Hyperbolic Geometry Transformation Geometry
Geometric Transformations IV: Circular Transformations	I. M. Yaglom		Mathematical Association of America	2009	BLL**	Euclidean Geometry Geometry Hyperbolic Geometry Transformation Geometry
Geometrical Kaleidoscope	Boris Pritsker		Dover Publications	2017	BLL	Euclidean Geometry
Geometries	A. B. Sossinsky		American Mathematical Society	2012	BLL	Discrete Geometry Euclidean Geometry Non-Euclidean Geometry Transformation Geometry
Geometries and Groups	V. V. Nikulin and I. R. Shafarevich		Springer Verlag	1994	BLL	Geometry Group Theory Transformation Geometry
Geometry	Harold R. Jacobs		W.H. Freeman	1974	BLL**	High School Mathematics Geometry Euclidean Geometry
Geometry	E. E. Moise and F. L. Downs		Addison Wesley	1991	BLL*	Geometry
Geometry and Algebra in Ancient Civilizations	B. L. Van Der Waerden		Springer Verlag	1983	BLL	History of Mathematics
Geometry and Codes	V. D. Goppa		Springer Verlag	1988	BLL	Coding Theory
Geometry and Convexity: A Study in Mathematical Methods	Paul J. Kelly and Max L. Weiss		Dover Publications	2009	BLL	Convex Analysis Geometry
Geometry and the Imagination	David Hilbert and S. Cohn-Vossen		American Mathematical Society/Chelsea	1999	BLL***	Geometry Mathematics for the General Reader
Geometry and the Visual Arts	Dan Pedoe		Dover Publications	1983	BLL	Liberal Arts Mathematics Geometry Art
Geometry for College Students	I. Martin Isaacs		American Mathematical Society	2001	BLL	Geometry Euclidean Geometry
Geometry for Engineers	James H. Earle		Addison Wesley	1984	BLL*	Mathematics for Engineers Geometry
Geometry from a Differentiable Viewpoint	John McCleary	2	Cambridge University Press	2013	BLL*	Differential Geometry Euclidean Geometry Non-Euclidean Geometry
Geometry I	Marcel Berger		Springer Verlag	2004	BLL*	Geometry
Geometry II	Marcel Berger		Springer Verlag	1996	BLL*	Geometry
Geometry Illuminated: An Illustrated Introduction to Euclidean and Hyperbolic Plane Geometry	Matthew Harvey		MAA Press	2015	BLL*	Euclidean Geometry Hyperbolic Geometry Non-Euclidean Geometry
Geometry of Complex Numbers: Circle Geometry, Moebius Transformation, Non-Euclidean Geometry	Hans Schwerdtfeger		Dover Publications	1980	BLL	Complex Analysis Euclidean Geometry Non-Euclidean Geometry Transformation Geometry
Geometry Relativity, and the Fourth Dimension	Rudolf Rucker		Dover Publications	1977	BLL	Geometry Mathematics for the General Reader Relativity Theory
Geometry Revealed: A Jacob's Ladder to Modern Higher Geometry	Marcel Berger		Springer	2010	BLL	Combinatorial Geometry Differential Geometry Dynamical Systems Enumerative Geometry Euclidean Geometry Geometry Projective Geometry
Geometry Revisited	H. S. M. Coxeter and S. L. Greitzer		Mathematical Association of America	1967	BLL***	Euclidean Geometry Geometry Projective Geometry
Geometry with an Introduction to Cosmic Topology	Michael P. Hitchman		Jones and Bartlett	2009	BLL	Differential Geometry Non-Euclidean Geometry Transformation Geometry
Geometry, Perspective Drawing, and Mechanisms	Don Row and Talmage James Reid		World Scientific	2012	BLL	Euclidean Geometry Geometry Projective Geometry
Geometry: A Comprehensive Course	Dan Pedoe		Dover Publications	1988	BLL	Geometry
Geometry: A Metric Approach with Models	Richard S. Millman and George D. Parker	2	Springer Verlag	1990	BLL*	Geometry
Geometry: An Investigative Approach	Phares G. O'Daffer and Stanley R. Clemens	2	Addison Wesley	1992	BLL**	Geometry Euclidean Geometry
Geometry: Our Cultural Heritage	Audun Holme		Springer Verlag	2002	BLL	History of Mathematics Geometry Euclidean Geometry
Geometry: Our Cultural Heritage	Audun Holme	2	Springer	2010	BLL	Euclidean Geometry Geometry History of Mathematics Non-Euclidean Geometry Polyhedra
Georg Cantor: His Mathematics and Philosophy of the Infinite	Joseph W. Dauben		Princeton University Press	1990	BLL*	Biography History of Mathematics
George Boole: His Life and Work	Des MacHale		Boole Press	1985	BLL*	History of Mathematics Biography
Girls Into Maths Can Go	Leona Burton		Holt Rinehart & Winston	1986	BLL*	Women in Mathematics Mathematics Education
Glimpses of Soliton Theory: The Algebra and Geometry of Nonlinear PDEs	Alex Kasman		American Mathematical Society	2010	BLL	Partial Differential Equations Mathematical Physics Algebraic Geometry
Glory and Failure: The Difference Engines of Johann Muller, Charles Babbage, and Georg and Edvard Sheutz	Michael Lindgren			1990	BLL	Computer Science History of Mathematics
Godel's Proof	Ernest Nagel, James Newman, and Douglas R. Hofstadter		New York University Press	2008	BLL**	Philosophy of Mathematics Mathematics for the General Reader Logic
Godel, Escher, Bach: An Eternal Golden Braid	Douglas R. Hofstadter		Basic Books	1999	BLL***	Recursion Mathematics for the General Reader Logic
Godelian Puzzle Book: Puzzles, Paradoxes and Proofs	Raymond M. Smullyan		Dover Publications	2013	BLL	Logic Mathematics for the General Reader Puzzles
Golden Years of Moscow Mathematics	Smilka Zdravkovska and Peter L. Duren, editors	2nd	American Mathematical Society/London Mathematical Society	2007	BLL*	History of Mathematics
Graph Theory	Frank Harary		Westview Press	1994	BLL**	Graph Theory
Graph Theory	Reinhard Diestel	4	Springer	2010	BLL	Graph Theory
Graph Theory	J. A. Bondy and U. S. R. Murty		Springer	2008	BLL**	Graph Theory
Graph Theory	W. T. Tutte		Cambridge University Press	2001	BLL	Combinatorial Group Theory Combinatorics Graph Theory
Graph Theory	Reinhard Diestel	3	Springer Verlag	2005	BLL	Graph Theory
Graph Theory	Ronald J. Gould		Benjamin-Cummings Publishing Company	1988	BLL**	Graph Theory
Graph Theory and Its Applications to Problems of Society	Fred S. Roberts		SIAM	1987	BLL*	Mathematical Social Science
Graph Theory with Applications to Engineering and Computer Science	Narsingh Deo		Dover Publications	2016	BLL	Graph Theory

Graph Theory, 1736-1936	Norman L. Biggs, E. Keith Lloyd, and Robin J. Wilson		Oxford University Press	1986	BLL**	Classic Works Combinatorics Graph Theory History of Mathematics
Graph Theory, Combinatorics and Algorithms: Interdisciplinary Applications	Martin Charles Golumbic and Irith Ben-Arroyo Hartman, editors		Springer Verlag	2005	BLL	Algorithms Combinatorics Graph Theory
Graph Theory: An Introductory Course	Bela Bollobás			1990	BLL*	Graph Theory
Graph Theory: Favorite Conjectures and Open Problems - 1	Ralucca Gera, Stephen Hedetniemi, and Craig Larson, editors		Springer	2016	BLL	Graph Theory
Graphs	Claude Berge	3		1985	BLL	Graph Theory Combinatorics
Graphs & Digraphs	Gary Chartrand, Linda Lesniak, and Ping Zhang	5	Chapman & Hall/CRC	2011	BLL***	Graph Theory
Graphs and Their Uses	Oystein Ore, revised and updated by Robin Wilson		Mathematical Association of America	1996	BLL*	Graph Theory
Graphs on Surfaces and Their Applications	Sergei K. Lando and Alexander K. Zvonkin		Springer	2004	BLL	Geometric Topology Graph Theory Low-dimensional Topology
Graphs, Groups and Surfaces	A.T. White		North Holland	2001	BLL	Combinatorics Graph Theory
Graphs, Networks and Algorithms	Dieter Jungnickel	4	Springer	2013	BLL	Algorithms Combinatorial Optimization Graph Theory
Graphs, Networks and Algorithms	Dieter Jungnickel	3	Springer	2008	BLL	Algorithms Combinatorial Optimization Graph Theory
Graphs, Surfaces and Homology	Peter Giblin	3	Cambridge University Press	2010	BLL	Manifolds Graph Theory Algebraic Topology
If and Only If in Analysis	Robert R. Dobbins		University Press of America	1977	BLL*	Real Analysis Proofs and Logic
Image Reconstruction from Projections: The Fundamentals of Computerized Tomography	Gabor T. Herman		Academic Press	1980	BLL*	Mathematical Biology Image Analysis
Imagining Numbers (particularly the square root of minus fifteen)	Barry Mazur		Farrar, Straus and Giroux	2002	BLL**	Mathematics for the General Reader
In Praise of Simple Physics: The Science and Mathematics behind Everyday Questions	Paul J. Nahin		Princeton University Press	2016	BLL	Mathematics for the General Reader Science for the General Reader
In Pursuit of the Traveling Salesman: Mathematics at the Limits of Computation	William J. Cook		Princeton University Press	2012	BLL	Algorithms Combinatorics Group Theory Mathematics for the General Reader Theory of Computation
Incidence and Symmetry in Design and Architecture	Jenny A. Baglivo and Jack E. Graver		Cambridge University Press	1983	BLL*	Symmetry Geometry of Incidence Geometry
Independence-Friendly Logic: A Game-Theoretic Approach	Allen L. Mann, Gabriel Sandu and Merlijn Sevenster		Cambridge University Press	2011	BLL	Model Theory Logic Game Theory
Indian Mathematics: Engaging with the World from Ancient to Modern Times	George Gheverghese Joseph		World Scientific	2016	BLL**	History of Mathematics Non-Western Cultures
Inequalities	P. P. Korovkin		MIR	1975	BLL	Inequalities Analysis
Inequalities	G. H. Hardy, J. E. Littlewood, and G. Polya	2	Cambridge University Press	1988	BLL**	Inequalities
Inequalities: Theory of Majorization and Its Applications	Albert W. Marshall, Ingram Olkin, and Barry C. Arnold	2	Springer	2009	BLL	Inequalities Analysis
Infinite Algebraic Extensions of Finite Fields	Joel V. Brawley and George E. Schnibben		American Mathematical Society	1989	BLL	Field Theory
Infinite Processes: Background to Analysis	A. Gardiner		Springer	1982	BLL*	Real Analysis
Infinite Sequences and Series	Konrad Knopp		Dover Publications	1956	BLL*	Advanced Calculus Calculus Infinite Series Real Analysis
Infinitesimal Calculus	James M. Henle and Eugene M. Kleinberg		Dover Publications	2003	BLL**	Calculus Nonstandard Analysis Single Variable Calculus
Infinitesimal: How a Dangerous Mathematical Theory Shaped the Modern World	Amir Alexander		Scientific American / Farrar, Straus and Giroux	2014	BLL	History of Mathematics
Infinity and the Mind: The Science and Philosophy of the Infinite	Rudy Rucker		Princeton University Press	2005	BLL*	Infinity Logic Mathematics for the General Reader Set Theory
Innumeracy: Mathematical Illiteracy and Its Consequences	John Allen Paulos		Hill and Wang	2001	BLL	Mathematics for the General Reader Surveys of Mathematics
Input-Output Economics	Wassily Leontief	2	Oxford University Press	1986	BLL*	Mathematical Economics
Insight Through Computing: A MATLAB Introduction to Computational Science and Engineering	Charles F. Van Loan and K.-Y. Daisy Fan		SIAM	2010	BLL	Engineering Mathematics Scientific Computation
Instabilities and Catastrophes in Science and Engineering	J.M.T. Thompson		John Wiley	1982	BLL*	Catastrophe Theory
Integer and Combinatorial Optimization	Laurence A. Wolsey and George L. Nemhauser		John Wiley	1999	BLL***	Optimization
Integer Partitions	George E. Andrews and Kimmo Eriksson		Cambridge University Press	2004	BLL*	Combinatorics Number Theory
Integral Equations	Harry Hochstadt		Wiley Interscience	1989	BLL	Integral Equations Partial Differential Equations
Integral Equations	F. G. Tricomi		Dover Publications	1985	BLL	Integral Equations
Integral Transforms and Their Applications	Brian Davies	3	Springer	2002	BLL	Fourier Analysis Integral Transforms
Integrated Methods for Optimization	John N. Hooker	2	Springer	2012	BLL	Algorithms Optimization Scientific Computation
Integrated Methods for Optimization	John N. Hooker		Springer Verlag	2007	BLL	Algorithms Optimization Scientific Computation
Integration: A Functional Approach	Klaus Bichteler		Birkhauser	1998	BLL	Integration Functional Analysis
Interest Rate Models: Theory and Practice: With Smile, Inflation and Credit	Damiano Brigo and Fabio Mercurio	2	Springer Verlag	2006	BLL	Actuarial Science Finance
Intermediate Real Analysis	Emanuel Fischer		Springer	1983	BLL	Real Analysis Analysis
International Mathematical Olympiads 1978 - 1985 and Forty Supplementary Problems	Murray S. Klamkin		MAA	1996	BLL***	Problems Olympiad Level
International Mathematical Olympiads, 1959 - 1977	Samuel L. Greitzer		MAA	1978	BLL***	Problems Olympiad Level
Interpolation and Approximation	Philip J. Davis		Dover Publications	2015	BLL**	Approximation Interpolation
Introduction to 3-Manifolds	Jennifer Schultens		American Mathematical Society	2014	BLL	Knot Theory Low-dimensional Topology Manifolds
Introduction to Abstract Algebra	W. Keith Nicholson	3	John Wiley	2006	BLL	Abstract Algebra
Introduction to Abstract Algebra	Neil McCoy and Gerald Janusz	6	Academic Press	2001	BLL	Algebra
Introduction to Abstract Harmonic Analysis	Lynn H. Loomis		Dover Publications	2011	BLL	Harmonic Analysis Functional Analysis Classic Works
Introduction to Abstract Mathematics	John F. Lucas	2	Rowman & Littlefield Publishers	1990	BLL	Analysis
Introduction to Advanced Mathematics	William J Barnier and Norman Feldman	2	Prentice Hall	1999	BLL	Proofs and Logic Transition to Advanced Mathematics
Introduction to Algebra	A. I. Kostrikin		Springer	1982	BLL	Algebra
Introduction to Algebraic K-Theory	J.R. Silvester		Chapman & Hall/CRC	1981	BLL	Algebra
Introduction to Algebraic Topology	Emil Artin		C. E. Merrill Publishing Co	1969	BLL*	Algebraic Topology
Introduction to Algorithms	Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein	3	MIT Press	2009	BLL	Algorithms Computer Science
Introduction to Analysis	Maxwell Rosenlicht		Dover Publications	1985	BLL	Real Analysis
Introduction to Analytic and Probabilistic Number Theory	Gerald Tenenbaum		Cambridge University Press	2008	BLL	Analytic Number Theory Number Theory Probabilistic Number Theory
Introduction to Analytic Number Theory	Tom M. Apostol		Springer Verlag	1998	BLL***	Analytic Number Theory
Introduction to Applied Mathematics	Gilbert Strang		Wellesley-Cambridge Press	1986	BLL***	Mathematical Physics
Introduction to Applied Mathematics	L. Sirovich		Springer	1988	BLL	Applied Mathematics
Introduction to Applied Nonlinear Dynamical Systems and Chaos	Stephen Wiggins	2	Springer Verlag	2003	BLL**	Chaos Dynamical Systems
Introduction to Applied Numerical Analysis	Richard W. Hamming		McGraw-Hill	1971	BLL*	Numerical Analysis
Introduction to Approximation Theory	Elliot W. Cheney	2	AMS	2000	BLL***	Analysis Numerical Analysis
Introduction to Banach Spaces and Their Geometry	Bernard Beauzamy		Elsevier	1985	BLL	Analysis
Introduction to Boolean Algebras	Steven Givant and Paul Halmos		Springer	2009	BLL*	Boolean Algebras Logic Ordered Algebraic Structures
Introduction to Classical Mathematics I : From the Quadratic Reciprocity Law to the Uniformation Theorem	Helmut Koch		Springer Verlag	1991	BLL	Surveys of Mathematics
Introduction to Commutative Algebra	M. F. Atiyah and I. G. MacDonald		Westview Press	2015	BLL**	Classic Works Commutative Algebra
Introduction to Commutative Algebra	M. F. Atiyah and I. G. MacDonald		Addison Wesley Publishing Company	1994	BLL**	Commutative Algebra
Introduction to Commutative Algebra and Algebraic Geometry	E. Kunz		Birkhauser	2013	BLL	Commutative Algebra
Introduction To Complex Analysis	Zeev Nehari		Allyn and Bacon	1968	BLL	Analysis
Introduction to Complex Analysis	Rolf Nevanlinna and Veikko Paatero	2	American Mathematical Society	2007	BLL	Complex Analysis
Introduction to Computational Science: Modeling and Simulation for the Sciences	Angela B. Shiflet and George W. Shiflet	2	Princeton University Press	2014	BLL	Computer Science Scientific Computation
Introduction to Cryptography with Mathematical Foundations and Computer Implementations	Alexander Stanoyevitch		Chapman & Hill/CRC	2010	BLL	Cryptography
Introduction to Cyclotomic Fields	L. C. Washington	2	Springer Verlag	2006	BLL*	Algebraic Number Theory
Introduction to Difference Equations	Samuel Goldberg		Dover Publications	1986	BLL	Difference Equations
Introduction to Discrete Mathematics	Steven C. Althoen		PWS Publishing Company	1988	BLL*	Discrete Mathematics
Introduction to Dynamics	I. C. Percival and D. Richards		Cambridge University Press	1982	BLL	Dynamical Systems
Introduction to Elliptic Curves and Modular Forms	Neal Koblitz	2	Springer Verlag	2004	BLL***	Arithmetic Algebraic Geometry Elliptic Curves Modular Forms and Functions Number Theory
Introduction to Enumerative Combinatorics	Miklos Bona		McGraw-Hill	2007	BLL**	Combinatorics
Introduction to Field Theory:	Iain T. Adamson	2	Dover Publications	2007	BLL*	Field Theory
Introduction to Finite Fields and Their Applications	Rudolf Lidl and Harald Niederreiter	2	Cambridge University Press	1994	BLL*	Applied Algebra Field Theory
Introduction to Finite Mathematics	John G. Kemeny, J. Laurie Snell, and Gerald L. Thompson.		Prentice Hall	1974	BLL***	Finite Mathematics Discrete Mathematics
Introduction to Fourier Analysis on Euclidean Spaces	Elias M. Stein and Guido Weiss			1971	BLL**	Fourier Analysis
Introduction to Functional Analysis	Angus E. Taylor and David Lay	2	John Wiley	1980	BLL*	Functional Analysis
Introduction to Functional Analysis, Banach Spaces, and Differential Calculus	Leopoldo Nachbin		Marcel Dekker	1981	BLL	Analysis
Introduction to Geometry	H. S. M. Coxeter	2	John Wiley	1989	BLL***	Geometry
Introduction to Global Analysis	Donald W. Kahn		Dover Publications	2007	BLL	Differential Topology Geometric Analysis Manifolds
Introduction to Graph Theory	Douglas B. West	2	Prentice Hall	2001	BLL	Graph Theory
Introduction to Graph Theory	Gary Chartrand and Ping Zhang		McGraw-Hill	2005	BLL*	Graph Theory
Introduction to Group Characters	Walter Ledermann	2	Cambridge University Press	1987	BLL**	Group Theory
Introduction to Higher Order Categorical Logic	J. Lambek and P. J. Scott		Cambridge University Press	1998	BLL	Logic
Introduction to Hilbert Space	Sterling K. Berberian	2	American Mathematical Society/Chelsea	1961	BLL	Hilbert Spaces Functional Analysis
Introduction to Hilbert Space	P. R. Halmos	2	Chelsea Publishing Co	1987	BLL	Analysis

Introduction to Homological Methods in Commutative Rings	A. V. Geramita and Charles Small	2	Queenâ€™s University Press	1979	BLL	Galois Theory Algebra
Introduction to Knot Theory	Richard H. Crowell and Ralph H. Fox		Dover	2008	BLL*	Geometric Topology Knot Theory Low-dimensional Topology
Introduction to Lattices and Order	B. A. Davey and H. A. Priestley	2	Cambridge University Press	2002	BLL	Lattice Theory Ordered Algebraic Structures
Introduction to Lie Algebras and Representation Theory	J.E. Humphreys		Springer	1973	BLL**	Algebra Lie Algebras
Introduction to Linear Algebra	Serge Lang	2	Springer Verlag	1997	BLL*	Linear Algebra
Introduction to Mathematical Biology	S. I. Rubinow		Dover Publications	2003	BLL	Mathematical Biology Mathematical Modeling
Introduction to Mathematical Consensus Theory	Ki Hang Kim		Marcel Dekker	1980	BLL	Mathematical Social Science Social Choice Theory
Introduction to Mathematical Control Theory	S. Barnett and R. G. Cameron	2	Oxford University Press	1990	BLL**	Control Theory
Introduction to Mathematical Fluid Dynamics	Richard E. Meyer		Dover Publications	1982	BLL	Fluid Mechanics
Introduction to Mathematical Logic	Elliott Mendelson	5	Chapman & Hall/CRC	2009	BLL*	Logic Model Theory Set Theory
Introduction To Mathematical Philosophy	Bertrand Russell		Dover Publications	1993	BLL**	Philosophy of Mathematics
Introduction to Mathematical Sociology	James Samuel Coleman		Free Press	1964	BLL*	Mathematical Social Science
Introduction to Mathematics for Life Sciences	Edward Batschelet	2	Springer	1976	BLL	Mathematical Biology
Introduction to Matrix Computations	G. W. Stewart		Academic Press	1973	BLL	Linear Algebra Numerical Analysis
Introduction to Measure and Integration	Marshall E. Munroe	2	Addison-Wesley	1971	BLL	Analysis
Introduction to Metamathematics	Stephen C. Kleene		Elsevier	1980	BLL***	Foundations of Mathematics Logic Philosophy of Mathematics
Introduction to Metric and Topological Spaces	Wilson A. Sutherland	2	Oxford University Press	2009	BLL	General Topology Metric Spaces Topology
Introduction to Model Theory and to the Metamathematics of Algebra	Abraham Robinson		North-Holland	1963	BLL**	Philosophy of Mathematics Model Theory
Mathematical Tablets from Tell Harmal	Carlos Goncalves		Springer	2015	BLL	History of Mathematics Non-Western Cultures
Mathematical Theories of Populations:Demographics, Genetics, and Epidemics	Frank Hoppensteadt		Cambridge University Press	1987	BLL*	Mathematical Biology Mathematical Modeling
Mathematical Theory of Economic Dynamics and Equilibria	V. L. Makarov, A.M. Rubinov		Springer	1977	BLL	Mathematical Economics
Mathematical Theory of Elasticity	I. S. Sokolnikoff		Krieger	1983	BLL*	Continuum Mechanics
Mathematical Thinking in Behavioral Sciences	David Messick		W.H. Freeman	1968	BLL	Mathematical Social Science
Mathematical Thinking in the Social Sciences	Paul F. Lazarsfeld		Russell & Russell	1969	BLL*	Mathematical Social Science
Mathematical Thought from Ancient to Modern Times, Vol. 1	Morris Kline		Oxford University Press	1990	BLL**	History of Mathematics
Mathematical Thought From Ancient to Modern Times, Vol. 2	Morris Kline		Oxford University Press	1990	BLL**	History of Mathematics
Mathematical Thought From Ancient to Modern Times, Vol. 3	Morris Kline		Oxford University Press	1990	BLL**	History of Mathematics
Mathematical Tools for Applied Multivariate Analysis	J. Douglas Carroll, Paul E. Green		Academic Press	1997	BLL	Multivariate Statistics Statistics
Mathematical Understanding of Nature: Essays on Amazing Physical Phenomena and Their Understanding by Mathematicians	V. I. Arnold		American Mathematical Society	2014	BLL	Applied Mathematics Mathematical Physics
Mathematical Writing	Donald E. Knuth, Tracy Larrabee, and Paul M. Roberts		Mathematical Association of America	1996	BLL	Communicating Mathematics Mathematics as a Profession
Mathematician for All Seasons: Recollections and Notes Vol. 1 (1887-1945)	Hugo Steinhaus,Hugo Steinhaus, edited by Robert G. Burns, Irena Szymaniec, and Aleksander Weron		Birkhauser	2016	BLL	Biography History of Mathematics
Mathematician for All Seasons: Recollections and Notes, Volume 2 (1945-1968)	Hugo Steinhaus		Birkhauser	2016	BLL	Biography History of Mathematics
Mathematicians of the World, Unite!: The International Congress of Mathematicians: A Human Endeavor	Guillermo Curbera		A K Peters	2009	BLL*	History of Mathematics
Mathematicians on Creativity	Peter Borwein, Peter Liljedahl, and Helen Zhai, editors		Mathematical Association of America	2014	BLL	Biography Mathematical Careers Psychology of Mathematics
Mathematicians: An Outer View of the Inner World	Mariana Cook		Princeton Univrsy Press	2009	BLL	Biography History of Mathematics Mathematical Careers Art
Mathematics : Its Power and Utility (with iLrn Tutorial)	Karl J. Smith		Brooks Cole	2005	BLL	Liberal Arts Mathematics Surveys of Mathematics
Mathematics Across Cultures: The History of Non-Western Mathematics	H. Selin		Springer	2000	BLL***	History of Mathematics Non-Western Cultures
Mathematics and Cognition: A Research Synthesis by the International Group for the Psychology of Mathematics Education	Pearla Nesher and Jeremy Kilpatrick, editors		Cambridge University Press	1990	BLL	Mathematics Education Research
Mathematics and Common Sense: A Case of Creative Tension	Philip J. Davis		A K Peters	2006	BLL	Mathematics for the General Reader Philosophy of Mathematics
Mathematics and Computers in Archaeology	J. E. Doran and F. R. Hodson		Harvard University Press	1975	BLL	Mathematical Social Science
Mathematics and Culture IV	Michele Emmer, editor		Springer Verlag	2007	BLL*	Art Mathematics and Culture
Mathematics and Culture V	Michele Emmer, editor		Springer Verlag	2007	BLL*	Mathematics and Culture
Mathematics and Gender	Elizabeth Fennema and Gilah C. Leder, editors		Teachers College Press	1990	BLL**	Teaching Mathematics Women in Mathematics
Mathematics and Its History	John Stillwell	2	Springer Verlag	2001	BLL*	History of Mathematics
Mathematics and Its History	John Stillwell	3	Springer	2010	BLL**	History of Mathematics Surveys of Mathematics
Mathematics and Music: Composition, Perception, and Performance	James S. Walker and Gary W. Don		Chapman & Hall/CRC	2013	BLL	Mathematics and Music
Mathematics and Plausible Reasoning, Volume 1: Induction and Analogy	G. Polya		Princeton University Press	1990	BLL**	Teaching Mathematics Mathematics Education Research Mathematics Education
Mathematics and Plausible Reasoning, Volume 2: Patterns of Plausible Inference	G. Polya		Princeton University Press	1990	BLL**	Teaching Mathematics Mathematics Education Research Mathematics Education
Mathematics and Sports	Joseph A. Gallian, editor		Mathematical Association of America	2010	BLL	Mathematics and Sports
Mathematics and the Search for Knowledge	Morris Kline		Osford University Press	1986	BLL*	Mathematics for the General Reader Surveys of Mathematics
Mathematics and The Unexpected	Ivar Ekeland		University Of Chicago Press	1990	BLL*	Mathematics for the General Reader Surveys of Mathematics
Mathematics Applied to Continuum Mechanics	Lee A. Segel		SIAM	2007	BLL	Continuum Mechanics Fluid Mechanics Mathematical Physics
Mathematics Applied to Deterministic Problems in the Natural Sciences	C. C. Lin and L. A. Segel		SIAM	1988	BLL**	Mathematical Physics Applied Mathematics
Mathematics as a Service Subject	A. G. Howson, editor, et al		Cambridge University Press	1988	BLL*	Technical Mathematics
Mathematics as an Educational Task	Hans Freudenthal		Springer Verlag	1973	BLL	Mathematics Education Mathematics Education Research
Mathematics as Problem Solving	Alexander Soifer	2	Springer	2009	BLL	Problem Solving Problems Olympiad Level
Mathematics Assessment and Evaluation: Imperatives for Mathematics Educators	Thomas A. Romberg		State University of New York Press	1992	BLL*	Mathematics Education
Mathematics Counts	W.H. Cockcroft		HMSO Books	1982	BLL	Combinatorics
Mathematics Education in Secondary Schools and Two-Year Colleges. A Sourcebook	Paul J. Campbell and Louise S. Grinstein		Garland	1988	BLL*	Mathematics Education
Mathematics Elsewhere: An Exploration of Ideas Across Cultures	Marcia Ascher		Princeton University Press	2002	BLL*	Ethnomathematics Non-Western Cultures
Mathematics Emerging: A Sourcebook 1540-1900	Jacqueline Stedall		Oxford University Press	2008	BLL***	Classic Works History of Mathematics
Mathematics Everywhere	Martin Aigner and Ehrhard Behrends, editors		American Mathematical Society	2010	BLL	Mathematics for the General Reader Mathematics and Culture Applied Mathematics
Mathematics for Auto Mechanics	Theresa Gail Hendrix		Delmar	1978	BLL*	Technical Mathematics
Mathematics for Biomedical Applications	Stanton A. Glantz		University of California Press	1979	BLL*	Mathematics for Health Careers Mathematical Biology
Mathematics for Computer Technology	Paul Calter		Prentice Hall	1986	BLL*	Technical Mathematics
Mathematics for Data Processing	Robert N. McCullough		William C. Brown	1988	BLL*	Computer Science
Mathematics for Dynamic Modeling	Edward Beltrami	2	Academic Press	1998	BLL*	Mathematical Modeling
Mathematics for Ecology and Environmental Sciences	Y. Takeuchi, Y. Iwasa, and K. Sato, editors		Springer Verlag	2007	BLL**	Mathematical Biology Mathematical Modeling Mathematics for Environmental Sciences
Mathematics for Economics and Business	Ian Jacques	6	Prentice Hall	2010	BLL	Mathematics for Business
Mathematics for Economics and Business	Jean Soper	2	Wiley-Blackwell	2004	BLL	Mathematics for Business
Mathematics for Finance: An Introduction to Financial Engineering	Marek Capinski and Tomasz Zastawniak		Springer	2011	BLL*	Finance
Mathematics for Health Sciences	Keith J. Roberts and Leo Michels		Brooks Cole	1996	BLL*	Mathematics for Health Careers
Mathematics for Life Science and Medicine	Y. Takeuchi, Y. Iwasa, and K. Sato, editors		Springer Verlag	2006	BLL**	Mathematical Biology Mathematical Modeling Mathematics in Medicine
Mathematics for Machine Technology	Robert D. Smith	5	Thomson Delmar Learning	2003	BLL**	Elementary Mathematics Industrial Mathematics
Mathematics for Management and Finance	Stephen Shao and Lawrence P. Shao	8	International Thomson Publishing	1997	BLL	Mathematics for Business Operations Research
Mathematics for Plumbers and Pipe Fitters	Bartholomew D'Arcangelo, J. Russell Guest, and Benedict D'Arcangelo	4	Delmar	1990	BLL*	Technical Mathematics
Mathematics for Programming Computers	Frank James Clark		Prentice Hall	1988	BLL**	Theory of Computation Computer Science
Mathematics for Secondary School Teachers	Elizabeth G. Bremigan, Ralph J. Bremigan, and John D. Lorch		Mathematical Association of America	2011	BLL	Elementary Mathematics High School Mathematics Mathematics for Teachers
Mathematics for Social Scientists	Ki Hang Kim and Fred William Roush		Elsevier	1980	BLL	Mathematical Social Science
Mathematics for Technical and Vocational Students	John Boyce, Louis Margolis, and Samuel Slade	10	Prentice Hall	1999	BLL*	Elementary Mathematics Industrial Mathematics
Mathematics for Technical Education	Dale Ewen and Michael A.Topper	2	Prentice Hall	1983	BLL*	Technical Mathematics
Mathematics for the Biosciences	Michael R. Cullen		Techbooks	1992	BLL*	Mathematics for Health Careers
Mathematics for the Young Child	Joseph Neal Payne		National Council of Teachers of Mathematics	1990	BLL**	Teaching Mathematics Mathematics Education
Mathematics Galore!	James Tanton		Mathematical Association of America	2012	BLL	Mathematics for the General Reader Problems Recreational Mathematics
Mathematics in 20th-Century Literature and Art	Robert Tubbs		Johns Hopkins University Press	2014	BLL	Art Mathematics and Culture Mathematics and Literature
Mathematics in Action	Oliver Graham Sutton		Dover Publications	1984	BLL*	Mathematics for the General Reader
Mathematics in Ancient Egypt: A Contextual History	Annette Imhausen		Princeton University Press	2016	BLL**	History of Mathematics Non-Western Cultures
Mathematics in Ancient Iraq: A Social History	Eleanor Robson		Princeton University Press	2008	BLL**	History of Mathematics Non-Western Cultures
Mathematics in Civilization	H. L. Resnikoff and R. O. Wells	3	Dover Publications	1985	BLL	History of Mathematics
Mathematics in Historical Context	Jeff Suzuki		Mathematical Association of America	2009	BLL	History of Mathematics
Mathematics in India	Kim Plofker		Princeton University Press	2009	BLL***	History of Mathematics Non-Western Cultures
Mathematics in Nineteenth-Century America: The Bowditch Generation	Todd Timmons		Docent Press	2014	BLL*	History of Mathematics
Mathematics in Sport	Malcolm Stewart Townend		Ellis Horwood Ltd	1984	BLL*	Mathematics and Sports
Mathematics in the Modern World: Readings from Scientific American			W. H. Freeman & Company	1968	BLL*	Mathematics for the General Reader
Mathematics in the Time of the Pharaohs	Richard J. Gillings		Dover Publications	1982	BLL	History of Mathematics

Mathematics in Victorian Britain	Raymond Flood, Adrian Rice, and Robin Wilson, editors		Oxford University Press	2014	BLL	History of Mathematics
Mathematics of Choice: Or, How to Count Without Counting	Ivan Morton Niven		Mathematical Association of America	1975	BLL*	Combinatorics
Mathematics of Environmental Processes	T. David Waite and N.J. Freeman		Lexington Books	1977	BLL	Mathematical Biology
Mathematics of Physics and Modern Engineering	Ivar Stephen Sokolnikoff and Raymond M. Redheffer	2	Mcgraw-Hill	1966	BLL	Applied Mathematics
Mathematics of Planet Earth: Mathematicians Reflect on How to Discover, Organize, and Protect Our Planet	Hans Kaper and Christiane Rousseau		SIAM	2015	BLL	Mathematical Geology Mathematics for Environmental Sciences Mathematics for the General Reader
Mathematics of Social Choice: Voting, Compensation, and Division	Christoph Borgers		SIAM	2010	BLL*	Social Choice Theory
Mathematics of Wave Propagation	Julian L. Davis		Princeton University Press	2000	BLL	Fluid Mechanics Continuum Mechanics
Mathematics Tomorrow	Lynn Arthur Steen		Springer	1981	BLL**	Surveys of Mathematics Mathematics for the General Reader
Mathematics with Applications in Management and Economics	Earl K. Bowen, Gordon D. Prichett, and John C. Saber	6	Richard D. Irwin	1993	BLL***	Mathematics for Business
Mathematics, Form and Function	Saunders Mac Lane		Springer Verlag	1986	BLL**	Philosophy of Mathematics
Mathematics, Insight and Meaning: Teaching, Learning and Testing of Mathematics for the Life and Social Sciences	Jan De Lange		Rijksuniversiteit Utrecht	1987	BLL**	Mathematics Education
Mathematics, Magic and Mystery	Martin Gardner		Dover Publications	1956	BLL*	Classic Works Mathematics for the General Reader
Mathematics: A Human Endeavor	Harold R. Jacobs	3	W. H. Freeman	1994	BLL*	Mathematics for the General Reader
Mathematics: Are We Measuring Up? The Mathematics Report Card	John A. Dossey		National Council of Teachers of Mathematics	1988	BLL**	Mathematics Education Research
Mathematics: Its Content, Methods and Meaning	A. D. Aleksandrov, A. N. Kolmogorov, and M. A. Lavrent'ev		Dover Publications	1999	BLL**	Surveys of Mathematics
Mathematics: Queen and Servant of Science	Eric T. Bell		Mathematical Association of America	1996	BLL	Mathematics for the General Reader Surveys of Mathematics
Mathematics: Report of the Project 2061 Phase I Mathematics Panel	David Blackwell and Leon Henkin		American Association for the Advancement of Science	1989	BLL*	Mathematics Education
Mathematics: The Loss of Certainty	Morris Kline		Oxford University Press	1982	BLL*	Mathematics for the General Reader Surveys of Mathematics
Matrices and Society	Ian Bradley and Ronald L. Meek		Princeton University Press	1987	BLL	Mathematical Social Science
Matrix Analysis	Roger A. Horn and Charles R. Johnson	2	Cambridge University Press	2013	BLL*	Linear Algebra Matrix Algebra
Matrix Computations	Gene H. Golub and Charles F. Van Loan	4	Johns Hopkins University Press	2013	BLL**	Linear Algebra Numerical Analysis
Matrix Computations	Gene H. Golub and Charles F. Van Loan	3	Johns Hopkins University Press	1996	BLL***	Linear Algebra Numerical Analysis
Matrix Computations and Mathematical Software	John Richard Rice		McGraw-Hill	1981	BLL*	Scientific Computation Numerical Linear Algebra
Matrix Differential Calculus with Applications in Statistics and Econometrics	Jan R. Magnus and Heinz Neudecker	2	John Wiley	1999	BLL	Advanced Calculus Calculus Multivariable Calculus Statistics
Matrix Groups for Undergraduates	Kristopher Tapp	2	American Mathematical Society	2016	BLL*	Group Theory Lie Groups Linear Algebra
Matrix Iterative Analysis	Richard S. Varga	2	Springer Verlag	2000	BLL	Linear Algebra Numerical Analysis
Matrix Theory and Applications	Charles R. Johnson		American Mathematical Society	1990	BLL	Linear Algebra
Matrix Theory and Linear Algebra	I. N. Herstein and David J. Winter		Macmillan Publishing Company	1988	BLL**	Linear Algebra
Matters Mathematical	Israel N. Herstein and Irving Kaplansky	2	AMS Chelsea	1978	BLL	Liberal Arts Mathematics Surveys of Mathematics
Maxima and Minima Without Calculus	Ivan Niven		Mathematical Association of America	2005	BLL**	Calculus Optimization
Maximum Principles in Differential Equations	Murray H. Protter and Hans F. Weinberger		Springer Verlag	1999	BLL*	Partial Differential Equations
Measure and Category: A Survey of the Analogies between Topological and Measure Spaces	John C. Oxtoby		Springer Verlag	1997	BLL**	Category Theory General Topology Measure Theory
Measure and Integral: An Introduction to Real Analysis	Richard Wheeden		CRC/Chapman & Hall	1977	BLL	Measure Theory Real Analysis
Measure and Integration	Dietmar A. Salamon		European Mathematical Society	2016	BLL	Integration Measure Theory
Measure Theory	Paul R. Halmos		Springer Verlag	1978	BLL**	Measure Theory Real Analysis
Measure, Topology, and Fractal Geometry	Gerald Edgar	2	Springer	2008	BLL	Fractals Measure Theory Topology
Measurement	Paul Lockhart		Harvard University Press	2012	BLL	Mathematics for the General Reader
Mechanics of Swimming and Flying	Stephen Childress		Cambridge University Press	1981	BLL*	Mathematical Modeling Classical Mechanics
Medical Uses of Statistics	John C. Bailar and Frederick Mosteller, editors	2	Chapman & Hall/CRC	1992	BLL***	Biostatistics
Men and Institutions in American Mathematics	J. Dalton Tarwater		Texas Tech University Press	1976	BLL	History of Mathematics
Men of Mathematics	E. T. Bell		Touchstone Books	1986	BLL**	Biography History of Mathematics
Mesh: A Journey Through Discrete Geometry	Beau Janzen and Konrad Polthier		Springer Verlag	2007	BLL*	Computer Graphics Discrete Geometry Visualization
Methods for Euclidean Geometry	Owen Byer, Felix Lazebnik and Deirdre L. Smeltzer		Mathematical Association of America	2010	BLL	Euclidean Geometry Geometry
Methods for Statistical Data Analysis of Multivariate Observations	R. Gnanadesikan	2	John Wiley	1997	BLL*	Multivariate Statistics Statistics
Methods of Logic	W. V. Quine	4	Harvard University Press	2004	BLL	Logic
Methods of Mathematical Economics: Linear and Nonlinear Programming, Fixed-Point Theorems	Joel N. Franklin		SIAM	2002	BLL	Mathematical Economics Optimization
Methods of Mathematical Finance	Ioannis Karatzas and Steven E. Shreve		Springer	2010	BLL	Finance
Methods of Mathematical Modelling	Thomas Witelski and Mark Bowen		Springer	2015	BLL	Differential Equations Mathematical Modeling
Methods of Mathematical Physics	Harold Jeffreys and Bertha Jeffreys	3	Cambridge University Press	2000	BLL*	Mathematical Physics
Methods of Mathematical Physics, Volume 1	R. Courant and D. Hilbert		John Wiley	1991	BLL***	Mathematical Physics
Methods of Mathematical Physics, Volume 2	R. Courant and D. Hilbert		John Wiley	1991	BLL***	Mathematical Physics
Methods of Mathematics Applied to Calculus, Probability, and Statistics	Richard W. Hamming		Dover Publications	2004	BLL	Engineering Mathematics Calculus
Methods of Modern Mathematical Physics: Analysis of Operators, Volume 4	Michael Reed and Barry Simon		Academic Press	1978	BLL*	Mathematical Physics
Methods of Modern Mathematical Physics: Fourier Analysis, Self-Adjointness, Volume 2	Michael Reed and Barry Simon		Academic Press	1975	BLL*	Mathematical Physics
Methods of Modern Mathematical Physics: Functional Analysis, Volume 1	Michael Reed and Barry Simon		Academic Press	1981	BLL*	Mathematical Physics
Methods of Modern Mathematical Physics:Scattering Theory, Volume 3	Michael Reed and Barry Simon		Academic Press	1979	BLL*	Mathematical Physics
Methods of Numerical Integration	Philip J. Davis and Philip Rabinowitz	2	Dover Publications	2007	BLL	Numerical Analysis Scientific Computation
Methods of Real Analysis	Richard R. Goldberg	2	John Wiley	1976	BLL*	Real Analysis
Methods of Representation Theory, Volume II	Charles W. Curtis and Irving Reiner		John Wiley	1987	BLL*	Ring Theory Representation Theory Group Theory
Methods of Representation Theory: With Applications to Finite Groups and Orders, Volume I	Charles W. Curtis and Irving Reiner		John Wiley	1981	BLL*	Group Theory Representation Theory Ring Theory
Methods of Solving Complex Geometry Problems	Ellina Grigorieva		Birkhauser	2013	BLL	Euclidean Geometry Geometry High School Mathematics Problems Olympiad Level
Metric Affine Geometry	Ernst Snapper and Robert J. Troyer		Dover Publications	1989	BLL*	Geometry
Metric Spaces	Michele Åi Å“. Searcoid		Springer Verlag	2006	BLL	General Topology Metric Spaces Topology
Miles of Tiles	Charles Radin		American Mathematical Society	1999	BLL	Combinatorics
Mindstorms: Children, Computers, and Powerful Ideas	Seymour Papert	2	Basic Books	1993	BLL**	Mathematics Education Teaching Mathematics
Mirrors and Reflections: The Geometry of Finite Reflection Groups	A. V. Borovik and Anna Borovik		Springer	2009	BLL*	Coxeter Groups Geometry Group Theory
Mistake...and How to Find Them Before the Teacher Does	Barry Cipra	3	A K Peters	2000	BLL	Technical Mathematics Student Helps Calculus
Misused Statistics: Straight Talk for Twisted Numbers	Abram J. Jaffe		Marcel Dekker	1986	BLL*	Statistics
Model Building in Mathematical Programming	H. P. Williams	4	John Wiley	1999	BLL	Mathematical Modeling
Model Theory	C. C. Chang and H. Jerome Keisler	3	Dover Publications	2012	BLL*	Logic Model Theory
Modeling and Control in the Biomedical Sciences	H.T. Banks		Springer	1975	BLL	Mathematical Biology
Modeling and Differential Equations in Biology	T. A. Burton		Chapman & Hall/CRC	1980	BLL	Mathematical Biology Mathematical Modeling
Modeling Dynamic Phenomena in Molecular and Cellular Biology	Lee A. Segel		Cambridge University Press	1984	BLL**	Mathematical Biology Dynamical Systems
Modeling Nature	Sharon E. Kingsland	2	University Of Chicago Press	1995	BLL	Mathematical Biology
Modelling Fluctuating Populations	R. M. Nisbet and W.S.C. Gurney		The Blackburn Press	2004	BLL	Mathematical Biology
Modelling in Healthcare	Complex Systems Modelling Group		American Mathematical Society	2010	BLL	Operations Research Mathematics in Medicine Mathematics for Health Careers Mathematical Modeling Mathematical Biology
Modelling with Projectiles	Derek Hart and Tony Croft		Ellis Horwood Ltd	1988	BLL*	Classical Mechanics
Models for Public Systems Analysis	Edward J. Beltrami		Academic Press	1977	BLL	Mathematical Social Science
Models for Quantifying Risk	Robin Cunningham, Thomas N. Herzog, and Richard L. London	5	ACTEX Publications	2015	BLL	Actuarial Science
Models for Undergraduate Research in Mathematics	Lester J. Seenchal		Mathematical Association of America	1990	BLL*	Mathematics Education
Models in Ecology	John Maynard-Smith		Cambridge University Press	1978	BLL*	Mathematical Biology
Modern Algebra and the Rise of Mathematical Structures	Leo Corry	2	Birkhauser	2004	BLL*	Abstract Algebra Algebra History of Mathematics
Modern Algebra: A Constructive Introduction	Ian Connell		Elsevier	1981	BLL	Computational Algebra Algebra
Modern Algebra: An Introduction	John R. Durbin	6	John Wiley	2010	BLL	Abstract Algebra
Modern Algebra: An Introduction	John R. Durbin	5	John Wiley	2005	BLL	Algebra Abstract Algebra
Modern Applied Algebra	Garrett Birkhoff and Thomas C. Bartee		McGraw-Hill	1970	BLL	Applied Algebra Algebra
Modern Computer Algebra	Joachim von zur Gathen and Jurgen Gerhard	3	Cambridge University Press	2013	BLL	Abstract Algebra Algorithms Commutative Algebra Mathematical Software Numerical Analysis Polynomials
Modern Concepts and Theorems of Mathematical Statistics	Edward B. Manoukian		Springer Verlag	1986	BLL	Statistics
Modern Cryptography and Elliptic Curves	Thomas R. Shemanske		American Mathematical Society	2017	BLL	Cryptography Elliptic Curves
Modern Data Science with R	Benjamin S. Baumer, Daniel T. Kaplan, and Nicholas J. Horton		Chapman & Hall/CRC	2017	BLL	Computational Statistics Data Analysis Statistics
Modern Geometries	James R. Smart	5	Brooks Cole	1997	BLL	Geometry
Modern Graph Theory	Bela Bollob��s		Springer	1998	BLL	Graph Theory
Modern Methods For Quality Control and Improvement	Harrison M. Wadsworth, Kenneth S. Stephens, and A. Blanton Godfrey	2	John Wiley	2001	BLL*	Quality Control Statistics
Modern View of Geometry	Leonard M. Blumenthal	3	Dover Publications	1980	BLL*	Projective Geometry
Modular Functions and Dirichlet Series in Number Theory	Tom M. Apostol	2	Springer Verlag	1997	BLL**	Number Theory Modular Forms and Functions Analytic Number Theory
Modular Functions in Analytic Number Theory	Marvin I. Knopp	2	AMS/Chelsea Publishing	2003	BLL**	Modular Forms and Functions Analytic Number Theory

Modules in Applied Mathematics: Volume 1: Differential Equation Models	Martin Braun, Courtney S. Coleman, Donald A. Drew, and W.F. Lucas		Springer	1983	BLL**	Ordinary Differential Equations Mathematical Modeling
Molecular Modeling and Simulation: An Interdisciplinary Guide	Tamar Schlick	2	Springer	2010	BLL*	Bioinformatics Mathematical Biology
More Calculus of a Single Variable	Peter R. Mercer		Springer	2014	BLL	Calculus Single Variable Calculus
More Mathematical Morsels	Ross Honsberger		Mathematical Association of America	1991	BLL	Mathematics for the General Reader Problems Problems Olympiad Level Recreational Mathematics
More Mathematical People	Donald J. Albers, Gerald L. Alexanderson, and Constance Reid, editors		Narcourt Brace Jonanovich Publishers	2018	BLL*	Biography History of Mathematics Mathematics as a Profession Mathematics for the General Reader
Morse Theory	John Milnor		Princeton University Press	1963	BLL*	Morse Theory
Mortality Table Construction	Robert W. Batten		Prentice Hall	1978	BLL	Actuarial Science
Mostly Surfaces	Richard Evan Schwartz		American Mathematical Society	2011	BLL	Algebraic Topology Differential Geometry Low-dimensional Topology Manifolds
Moving Beyond Myths: Revitalizing Undergraduate Mathematics	Mathematical Sciences Education Board		National Academies Press	1991	BLL**	Mathematics Education Mathematical Social Science
Moving Things Around	Bowen Kerins, Darryl Yong, Al Cucoco, Glenn Stevens, and Mary Pilgrim		American Mathematical Society/Institute for Advanced Study/Park City Mathematics Institute	2016	BLL	Combinatorics Geometry Group Theory Problem Solving Teaching Mathematics
Mrs. Perkins's Electric Quilt	Paul J. Nahin		Princeton University Press	2009	BLL	Mathematical Physics Mathematics for the General Reader
Multilinear Algebra	W. Greub	2	Springer	1987	BLL**	Linear Algebra Multilinear Algebra
Multiplicative Number Theory	Harold Davenport	3	Springer Verlag	2000	BLL*	Analytic Number Theory
Multivariable Calculus and Differential Geometry	Gerard Walschap		Walter de Gruyter	2016	BLL	Differential Geometry Multivariable Calculus Vector Calculus
Multivariable Calculus, Linear Algebra, and Differential Equations	Stanley I. Grossman	3	Harper Perennial	1996	BLL	Multivariable Calculus
Multivariate Calculus and Geometry	SeÅin Dineen	3	Springer	2014	BLL	Differential Geometry Multivariable Calculus
Multivariate Statistical Methods	Donald F. Morrison	4	Duxbury Press	2004	BLL*	Multivariate Statistics Statistics
Muscles, Reflexes, and Locomotion	Thomas A. McMahon		Princeton University Press	1984	BLL*	Mathematical Biology Mathematical Modeling
MVT: A Most Valuable Theorem	Craig Smorynski		Springer	2017	BLL	Calculus History of Mathematics Single Variable Calculus
My Brain is Open: The Mathematical Journeys of Paul Erdos	Bruce Schechter		Simon & Schuster	1998	BLL*	Biography
My Search for Ramanujan: How I Learned to Count	Ken Ono and Amir D. Aczel		Springer	2016	BLL	Biography History of Mathematics Mathematics for the General Reader Number Theory
Naive Set Theory	Paul R. Halmos		Springer Verlag	1974	BLL***	Set Theory Classic Works
Naming Infinity	Loren Graham and Jean-Michel Kantor		Belknap Press	2009	BLL	Set Theory Philosophy of Mathematics Mathematics for the General Reader Logic History of Mathematics
National Curricula in Mathematics	Geoffrey Howson		Mathematical Association	1991	BLL*	Mathematics Education
Near Rings and Their Links with Groups	J.D.P. Meldrum		Longman	1985	BLL	Algebra
Network Models in Population Biology	E. R. Lewis		Springer	1977	BLL	Mathematical Biology
Networks, Crowds and Markets: Reasoning about a Highly Connected World	David Easley and Jon Kleinberg		Cambridge University Press	2010	BLL	Networks Mathematical Social Science Mathematical Economics Graph Theory Game Theory
Ordinary Differential Equations	William A. Adkins and Mark G. Davidson		Springer	2012	BLL	Ordinary Differential Equations
Ordinary Differential Equations	Philip Hartman	2	SIAM	2002	BLL*	Differential Equations Ordinary Differential Equations
Ordinary Differential Equations	Jack K. Hale		Dover Publications	2009	BLL*	Ordinary Differential Equations Differential Equations
Ordinary Differential Equations	Hartmut Logemann and Eugene P. Ryan		Springer	2014	BLL	Control Theory Ordinary Differential Equations
Ordinary Differential Equations	Edward L. Ince		Dover Publications	1956	BLL*	Differential Equations Ordinary Differential Equations
Ordinary Differential Equations in the Complex Domain	Einar Hille		Dover Publications	1997	BLL	Differential Equations Ordinary Differential Equations
Origami, Eleusis, and the Soma Cube	Martin Gardner		Cambridge University Press and Mathematical Association of America	2008	BLL*	Classic Works Recreational Mathematics
Orthogonal Polynomials	Gabor Szego		American Mathematical Society	1975	BLL*	Harmonic Analysis Fourier Analysis Orthogonal Polynomials
Oscillation Theory of Differential Equations With Deviating Arguments	G. S. Ladde, V. Lakshmikantham and B. G. Zhang		Marcel Dekker	1987	BLL	Partial Differential Equations
Our Yesterdays: The History of the Actuarial Profession in North America, 1809-1979	E. J. Moorhead		Society of Actuaries	1989	BLL	Actuarial Science
Out of the Crisis	W. Edwards Deming		MIT Press	2000	BLL**	Statistics
Out of the Labyrinth: Setting Mathematics Free	Robert Kaplan and Ellen Kaplan		Oxford University Press	2007	BLL	Mathematics for the General Reader Surveys of Mathematics Teaching Mathematics
Overcoming Math Anxiety	Sheila Tobias		W. W. Norton & Company	1995	BLL	Teaching Mathematics
Oxford Figures: Eight Centuries of the Mathematical Sciences	John Fauvel, Raymond Flood, and Robin Wilson, editors	2	Oxford University Press	2013	BLL	Biography History of Mathematics
p-Adic Analysis: A Short Course on Recent Work	Neal Koblitz		Cambridge University Press	1980	BLL*	P-adic Numbers
p-Adic Numbers, p-Adic Analysis, and Zeta-Functions	Neal Koblitz	2	Springer Verlag	1984	BLL	Number Theory P-adic Numbers
p-adic Numbers: An Introduction	Fernando Q. GouvÃa	2	Springer	1997	BLL*	P-adic Numbers
Pangeometry	Nikolai I. Lobachevsky		European Mathematical Society	2010	BLL	Classic Works History of Mathematics Non-Euclidean Geometry
Papers on Topology: <i>Analysis Situs</i> and its Five Supplements	Henri Poincare, translated and edited by John Stillwell		American Mathematical Society/London Mathematical Society	2010	BLL*	Algebraic Topology History of Mathematics Manifolds Topology
Paradoxes in Politics: An Introduction to the Nonobvious in Political Science	Steven J. Brams		Free Press	2007	BLL*	Social Choice Theory Mathematical Social Science Mathematical Modeling
Paradoxes in Probability Theory and Mathematical Statistics	GÃbor J. Szekely		Springer	2001	BLL**	Mathematical Statistics Probability Theory
Parallel Algorithms for Matrix Computations	K. Gallivan, M. Heath, E. Ng, B. Peyton, R. Plemmons, J. Ortega, C. Romine, A. Sameh, and R. Voigt		SIAM	1990	BLL*	Algorithms
Parallel Coordinates: Visual Multidimensional Geometry and Its Applications	Alfred Inselberg		Springer	2009	BLL	Euclidean Geometry Geometric Modeling Geometry Visualization
Partial Differential Equations	Marcelo Epstein		Springer	2017	BLL	Ordinary Differential Equations Partial Differential Equations
Partial Differential Equations	Avner Friedman		Dover Publications	2008	BLL	Partial Differential Equations
Partial Differential Equations	Paul R. Garabedian	2	AMS/Chelsea	1998	BLL**	Partial Differential Equations
Partial Differential Equations	Emmanuele DiBenedetto	2	Birkhauser	2009	BLL	Partial Differential Equations
Partial Differential Equations	W. E. Williams		Oxford University Press	1980	BLL	Partial Differential Equations
Partial Differential Equations for Scientists and Engineers	Stanley J. Farlow		Dover Publications	1993	BLL	Partial Differential Equations
Partial Differential Equations in Action: From Modelling to Theory	Sandro Salsa	3	Springer	2016	BLL	Partial Differential Equations
Partial Differential Equations in Biology	Charles S Peskin		Courant Institute of Mathematical Sciences	1976	BLL*	Partial Differential Equations Mathematical Biology
Partial Differential Equations of Applied Mathematics	Erich Zauderer	3	Wiley Interscience	1998	BLL*	Partial Differential Equations
Partial Differential Equations of Mathematical Physics	S. L. Sobolev		Dover Publications	1989	BLL	Mathematical Physics Partial Differential Equations
Partial Differential Equations of Mathematical Physics	A. N Tikhonov		Holden-Day	1964	BLL	Partial Differential Equations
Partial Differential Equations, Volume I	Fritz John	4	Springer Verlag	1991	BLL	Partial Differential Equations
Partial Differential Equations.	Gunter Hellwig		Blaisdell Publishing Company	1964	BLL	Partial Differential Equations
Partial Differential Equations: An Accessible Route through Theory and Applications	AndrÅs Vasy		American Mathematical Society	2016	BLL	Partial Differential Equations
Partial Differential Equations: An Introduction to Theory and Applications	Michael Shearer and Rachel Levy		Princeton University Press	2015	BLL	Partial Differential Equations
Partial Differential Equations: Analytical and Numerical Methods	Mark S. Gockenbach		SIAM	2002	BLL	Partial Differential Equations Scientific Computation
Partial Differential Equations: Analytical and Numerical Methods	Mark S. Gockenbach	2	SIAM	2011	BLL	Partial Differential Equations Scientific Computation
Partial Differential Equations: Theory and Technique	George F. Carrier and Carl E. Pearson	2	Academic Press	1988	BLL**	Partial Differential Equations
Pascal's Arithmetical Triangle: The Story of a Mathematical Idea	A. W. F. Edwards		Johns Hopkins University Press	2002	BLL**	Combinatorics History of Mathematics
Patterns of Symmetry	Marjorie Senechal and George Fleck	2	University of Massachusetts Press	1977	BLL*	Symmetry Art
Peano: Life and Works of Giuseppe Peano	Hubert C. Kennedy		Springer Verlag	1980	BLL	History of Mathematics Biography
Pearls from a Lost City: The Lvov School of Mathematics	Roman Duda		American Mathematical Society	2014	BLL	History of Mathematics
Pearls in Graph Theory: A Comprehensive Introduction	Nora Hartsfield and Gerhard Ringel		Dover Publications	2003	BLL	Combinatorics Graph Theory
Penrose Tiles To Trapdoor Ciphers, and the Return of Dr. Matrix	Martin Gardner		Mathematical Association of America	1996	BLL*	Recreational Mathematics
Pension Mathematics for Actuaries	Arthur W. Anderson	3	ACTEX Publications	2006	BLL*	Actuarial Science
Perspectives in Ecological Theory	Jonathan Roughgarden, Robert M. May and Simon A. Levin, editors		Princeton University Press	1989	BLL	Mathematical Biology
Perspectives in Mathematics	Willi Jager		Birkhauser	1984	BLL*	Surveys of Mathematics
Perspectives on Mathematics Education: Papers Submitted by Members of the Bacomet Group	B. Christiansen, A.G. Howson, and M. Otte		Springer Verlag	1986	BLL*	Mathematics Education Research Mathematics Education
Perspectives on Projective Geometry: A Guided Tour Through Real and Complex Geometry	Jurgen Richter-Gebert		Springer	2011	BLL	Projective Geometry Non-Euclidean Geometry Euclidean Geometry
Perspectives on Research on Effective Mathematics Teaching	Douglas A. Grouws, Thomas J. Cooney, and Douglas Jones, editors		National Council of Teachers of Mathematics	1988	BLL**	Mathematics Education Research
Perturbation Theory for Linear Operators	Tosio Kato		Springer Verlag	1995	BLL*	Operator Theory
Peter Lax, Mathematician: An Illustrated Memoir	Reuben Hersh		American Mathematical Society	2015	BLL	Biography
Philosophers at War: The Quarrel Between Newton and Leibniz	A. Rupert Hall		Cambridge University Press	2002	BLL	Calculus History of Mathematics
Philosophy of Logic	W. V. Quine	2	Harvard University Press	2006	BLL*	Philosophy of Mathematics
Philosophy of Mathematics and Deductive Structure in Euclid's Elements	Ian Mueller		Dover Publications	2006	BLL	History of Mathematics Philosophy of Mathematics
Philosophy of Mathematics: Selected Readings	Paul Benacerraf and Hilary Putnam, editors	2	Cambridge University Press	1984	BLL*	Philosophy of Mathematics
PI and the AGM: A Study in Analytic Number Theory and Computational Complexity	Jonathan M. Borwein and Peter B. Borwein		John Wiley	1998	BLL***	Analytic Number Theory Computational Number Theory
Pioneering Women in American Mathematics: The Pre-1940 PhD's	Judy Green and Jeanne LaDuke		American Mathematical Society/London Mathematical Society	2009	BLL**	Biography History of Mathematics Women in Mathematics
Pioneers of Representation Theory: Frobenius, Burnside, Schur, and Brauer	Charles W. Curtis		American Mathematical Society	1999	BLL	History of Mathematics Representation Theory
Plateau's Problem	Frederick J. Almgren		American Mathematical Society	2001	BLL*	Calculus of Variations Geometric Measure Theory

Plato's Ghost: The Modernist Transformation of Mathematics	Jeremy Gray		Princeton University Press	2008	BLL**	History of Mathematics Philosophy of Mathematics
Playing with Infinity	Rozsa Peter		Dover Publications	1976	BLL	Recreational Mathematics Mathematics for the General Reader
Point Processes	D.R. Cox and Valerie Isham		Chapman & Hall/CRC	1980	BLL	Stochastic Processes
Political and Related Models	Steven J.Brams, William F. Lucas, and Philip D. Straffin, Jr., editors		Springer	1978	BLL**	Mathematical Modeling
Polyhedra	Peter R. Cromwell		Cambridge University Press	1997	BLL	Discrete Geometry Euclidean Geometry Geometry History of Mathematics Polyhedra Polytopes
Polyhedra Primer	Peter Pearce		Dale Seymour Publications	1978	BLL	Polyhedra
Polyhedral and Algebraic Methods in Computational Geometry	Michael Joswig and Thorsten Theobald		Springer	2013	BLL	Algebraic Geometry Computational Geometry
Polyhedron Models	Magnus J. Wenninger		Cambridge University Press	1974	BLL*	Polyhedra
Polynomial Identities in Ring Theory	Louis Halle Rowen		Academic Press	1980	BLL	Algebra
Polynomial Methods in Combinatorics	Larry Guth		American Mathematical Society	2016	BLL*	Algebraic Geometry Combinatorics Geometric Combinatorics
Polynomials	E. J. Barbeau		Springer Verlag	2003	BLL	Polynomials Algebra Abstract Algebra
Polynomials, Power Series, and Calculus	Howard Levi		Van Nostrand	1967	BLL	Calculus
Polyominoes	Solomon W. Golomb		Princeton University Press	1996	BLL**	Mathematics for the General Reader Recreational Mathematics
Poncelet Porisms and Beyond	Vladimir Dragovic and Milena Radnovic		Birkhauser	2011	BLL	Dynamical Systems Algebraic Geometry
Popular Lectures on Mathematical Logic	Hao Wang		Dover Publications	2014	BLL	Logic Set Theory
Popularizing Mathematical Methods in the People's Republic of China: Some Personal Experiences	Hua Loo-Keng and Yuan Wang		Birkhauser	1989	BLL*	History of Mathematics
Population Biology of Infectious Diseases	R. M. Anderson		Springer	1982	BLL	Mathematical Biology
Population Dynamics of Infectious Diseases	Roy M. Anderson		Chapman & Hall	1982	BLL**	Mathematics in Medicine Mathematical Biology
Positive Feedback in Natural Systems	Donald L. DeAngelis, Wilfried M. Post and Curtis C. Travis		Springer	1986	BLL	Mathematical Biology
Post's Machine	V. A. Uspensky		Firebird Publishing	1983	BLL*	Logic
Potential Theory	Lester L. Helms	2	Springer	2014	BLL	Potential Theory
Potential Theory	Lester L. Helms		Springer	2009	BLL	Partial Differential Equations Potential Theory
Power Series from a Computational Point of View	Kennan T. Smith		Springer	1987	BLL	Analysis
Power-Up: Unlocking the Hidden Mathematics in Video Games	Matthew Lane		Princeton University Press	2017	BLL	Mathematics Education Mathematics for the General Reader
Powers of Ten	Philip Morrison and Phylis Morrison		W.H. Freeman & Company	1994	BLL**	Mathematics for the General Reader
Practical Numerical Algorithms for Chaotic Systems	Thomas S. Parker and Leon O. Chua		Springer Verlag	1991	BLL	Differential Equations Numerical Analysis Scientific Computation
Practical Optimization	Philip Gill, W. Murray, and M. H. Wright		Academic Press	1982	BLL	Linear Optimization Optimization
Practical Problems in Mathematics for Automotive Technicians	George Moore	4	Wadsworth Publishing Co	1992	BLL*	Technical Mathematics
Practical Problems in Mathematics for Carpenters	Harry C. Huth	8	Delmar	2005	BLL*	Technical Mathematics
Practical Problems in Mathematics for Electricians	G. Crawford Garrard and Stephen I. Herman	4	Delmar	1987	BLL*	Technical Mathematics
Practical Problems in Mathematics for Electronics Technicians	Stephen L. Herman	6	Delmar	2003	BLL**	Technical Mathematics
Practical Problems in Mathematics for Heating and Cooling Technicians	Russell B. DeVore	3	Thomson Delmar Learning	1998	BLL*	Elementary Mathematics Industrial Mathematics
Practical Problems in Mathematics for Welders	Frank R. Schell, Bill Matlock, and Robert Chasan	5	Delmar Cengage Learning	2008	BLL*	Technical Mathematics
Practical Shop Mathematics: Elementary	J. H. Wolfe and Earl R. Phelps	4	McGraw-Hill	1959	BLL*	Technical Mathematics
Precalculus	David Cohen, Theodore B. Lee and David Sklar	7	Brooks Cole	2011	BLL	Pre-Calculus
Precalculus Mathematics in a Nutshell: Geometry, Algebra, Trigonometry	George Finlay Simmons		Wipf & Stock Publishers	2003	BLL	Pre-Calculus
Precalculus Mathematics: A Graphing Approach	Franklin D. Demana, Bert K. Waits, and Stanley R. Clemens	3	Addison-Wesley	1994	BLL***	Pre-Calculus
Queueing Systems: Volume 1, Theory	Leonard Kleinrock		John Wiley	1975	BLL**	Queueing Theory
Queueing Systems: Volume 2, Computer Applications	Leonard Kleinrock		John Wiley	1976	BLL**	Queueing Theory
Queues	D.R. Cox and W.L. Smith		Chapman & Hall/CRC	1991	BLL	Stochastic Processes
Quite Right: The Story of Mathematics, Measurement, and Money	Norman Biggs		Oxford University Press	2016	BLL**	History of Mathematics
R for Statistics	Pierre-Andre Cornillon, et al		Chapman & Hall/CRC	2012	BLL	Statistical Software Statistics
R. A. Fisher: The Life of a Scientist	Joan Fisher Box		John Wiley	1978	BLL*	Biography
Rabdology	John Napier		The MIT Press	1990	BLL	Classic Works History of Mathematics
Radically Elementary Probability Theory	Edward Nelson		Princeton University Press	1987	BLL*	Stochastic Processes
Ramanujan's Notebooks : Part I	Bruce C. Berndt		Springer Verlag	1985	BLL*	Analytic Number Theory Classic Works History of Mathematics Number Theory
Ramanujan's Notebooks: Part II	Bruce C. Berndt		Springer Verlag	1999	BLL*	Analytic Number Theory Classic Works History of Mathematics Number Theory
Ramanujan's Notebooks: Part III	Bruce C. Berndt		Springer Verlag	1997	BLL*	Analytic Number Theory Classic Works History of Mathematics Number Theory
Ramanujan: Essays and Surveys	Bruce C. Berndt and Robert A. Rankin, editors		American Mathematical Society/London Mathematical Society	2018	BLL**	Biography History of Mathematics
Ramanujan: Letters and Commentary	Bruce C. Berndt and Robert A. Rankin		American Mathematical Society/London Mathematical Society	2018	BLL	Biography History of Mathematics
Ramsey Theory	Ronald L. Graham, Bruce L. Rothschild, and Joel H. Spencer	2	John Wiley	1990	BLL**	Combinatorics Ramsey Theory
Ramsey Theory	Ronald L. Graham, Bruce L. Rothschild and Joel H. Spencer	2	Wiley	2013	BLL**	Combinatorics Ramsey Theory
Ramsey Theory on the Integers	Bruce M. Landman and Aaron Robertson		American Mathematical Society	2003	BLL*	Combinatorics Number Theory Ramsey Theory
Ramsey Theory on the Integers	Bruce M. Landman and Aaron Robertson	2	American Mathematical Society	2014	BLL*	Combinatorics Number Theory Ramsey Theory
Random Graph Dynamics	Rick Durrett		Cambridge University Press	2010	BLL	Graph Theory Probability Theory
Random Variables and Probability Distributions	Harald Cramer		Cambridge University Press	2004	BLL	Probability Theory
Random Walk and the Heat Equation	Gregory F. Lawler		American Mathematical Society	2010	BLL	Stochastic Processes Random Walk Partial Differential Equations
Random Walks and Electric Networks	Peter G. Doyle and J. Laurie Snell		Mathematical Association of America	1984	BLL*	Stochastic Processes
Random Walks in Biology	Howard C. Berg		Princeton University Press	1993	BLL*	Mathematical Biology Mathematical Modeling
Randomization Tests	Eugene Edgington and Patrick Onghena	4	hapman & Hall/CRC	2007	BLL*	Mathematical Statistics Statistics
Randomness and Recurrence in Dynamical Systems	Rodney Nilsen		Mathematical Association of America	2010	BLL	Chaos Dynamical Systems Ergodic Theory
Rational Kinematics	Jorge Angeles		Springer	1989	BLL	Mathematical Physics Classical Mechanics
Rational Points on Elliptic Curves	John H. Silverman and John T. Tate	2	Springer	2015	BLL***	Elliptic Curves Number Theory
Reading the Principia: The Debate on Newton's Mathematical Methods for Natural Philosophy from 1687 to 1736	Niccola Guicciardini		Cambridge University Press	1999	BLL	Classic Works History of Mathematics
Readings for Enrichment in Secondary School Mathematics	Max A. Sobel, editor		National Council of Mathematics Teachers	1988	BLL*	Mathematics Education Teaching Mathematics
Readings in Decision Analysis	S. French		Chapman & Hall/CRC	1989	BLL	Operations Research
Readings in the History of Mathematics Education	James K. Bidell and Robert G. Clason	32	National Council of Teachers	1970	BLL*	Mathematics Education History of Mathematics
Real Algebraic Geometry	Vladimir I. Arnold		Springer	2013	BLL*	Algebraic Geometry
Real Analysis	H. L. Royden and P. M. Fitzpatrick	4	Prentice Hall	2010	BLL	Functional Analysis Integration Measure Theory Real Analysis
Real Analysis and Probability	R. M. Dudley	2	Cambridge University Press	2002	BLL	Measure Theory Real Analysis
Real Analysis: A Comprehensive Course in Analysis, Part 1	Barry Simon		American Mathematical Society	2015	BLL*	Analysis Functional Analysis Real Analysis
Real and Abstract Analysis	Edwin Hewitt and Karl Stromberg		Springer	1965	BLL*	Analysis Real Analysis
Real and Complex Analysis	Walter Rudin	3	McGraw-Hill	1986	BLL**	Complex Analysis Measure Theory Real Analysis
Real Functions	Casper Goffman		Prindle, Weber & Schmidt	1970	BLL	Analysis
Reality's Mirrors: Exploring the Mathematics of Symmetry	Bryan Bunch		John Wiley	1989	BLL*	Group Theory Symmetry
Recent Advances in Geometric Inequalities	Dragoslav S. Mitrinovic, J. Pecaric, and V. Volenec		Springer	1989	BLL**	Geometric Inequalities
Recreations in the Theory of Numbers	Albert Beiler		Dover Publications	1964	BLL*	Mathematics for the General Reader Number Theory Recreational Mathematics
Rediscovering Mathematics: You Do the Math	Shai Simonson		Mathematical Association of America	2011	BLL	Mathematics for the General Reader
Reflections on Kurt Godel	Hao Wang			1990	BLL	Biography History of Mathematics
Regression Analysis by Example	Samprit Chatterjee and Ali S. Hadi	4	John Wiley	2006	BLL	Data Analysis Regression Analysis
Regression Diagnostics: Identifying Influential Data and Sources of Collinearity	David A. Belsley, Edwin Kuh, and Roy E. Welsh		John Wiley	2004	BLL	Linear Models Regression Analysis Statistics
Regular Figures	L. Fejes Toth		Franklin Book Co	1964	BLL*	Symmetry Geometry
Regular Polytopes	H. S. M. Coxeter	3	Dover Publications	1973	BLL*	Polytopes
Relations Between Combinatorics and Other Parts of Mathematics	Dijen Ray-Chaudhuri		American Mathematicsl Society	1980	BLL	Combinatorics
Relativity: Special and General Theory	Albert Einstein		Signature Press	2007	BLL	General Relativity Mathematical Physics
Reliability and Risk: A Bayesian Perspective	Nozer D. Singpurwalla		John Wiley	2006	BLL*	Bayesian Statistics Statistics
Remarks on the Foundations of Mathematics	Ludwig Wittgenstein		MIT Press	1993	BLL*	Classic Works Philosophy of Mathematics
Renewable Resource Management	T. Vincent, editor		Springer	1981	BLL	Mathematical Biology
Renewing U.S. Mathematics: A Plan for the 1990s	National Research Council		National Academies Press	1990	BLL*	Mathematics Education Mathematical Social Science
Renewing U.S. Mathematics: Critical Resources for the Future	National Research Council		National Research Council	1984	BLL*	Mathematics Education
Representation Theory of Finite Groups and Associative Algebras	Charles W. Curtis and Irving Reiner		AMS/Chelsea	2006	BLL*	Ring Theory Representation Theory Group Theory
Representation Theory of Finite Groups: An Introductory Approach	Benjamin Steinberg		Springer	2012	BLL*	Finite Groups Representation Theory
Representations of Finite Groups	C. Musili		Hindustan Book Agency	2011	BLL	Finite Groups Representation Theory
Representations of Groups: A Computational Approach	Klaus Lux and Herbert Pahlings		Cambridge University Press	2010	BLL	Algorithms Computational Algebra Representation Theory
Representations of Integers as Sums of Squares	Emil Grosswald		Springer	1985	BLL*	Number Theory Additive Number Theory
Representations of Lie Algebras: An Introduction Through $(\mathfrak{g}, \mathfrak{n})$	Anthony Henderson		Cambridge University Press	2012	BLL	Lie Algebras Representation Theory

Research Issues in the Learning and Teaching of Algebra	Sigrid Wagner and Carolyn Kieran, editors		Lawrence Erlbaum Associates	1989	BLL**	Mathematics Education Research
Residuals and Influence in Regression	R. Dennis Cook and Sanford Weisberg		Springer	1982	BLL*	Statistics Regression Analysis
Resource Competition and Community Structure	David Tilman		Princeton University Press	1982	BLL	Mathematical Biology Mathematical Modeling
Results and Problems in Combinatorial Geometry	Vladimir G. Boltjansky and Israel Gohberg		Cambridge University Press	1985	BLL*	Combinatorial Geometry
Results from the Fourth Mathematics Assessment of the National Assessment of Educational Progress	Mary M. Lindquist		National Council of Teachers of Mathematics	1989	BLL*	Mathematics Education
Revolutions of Geometry	Michael Oâ€™Leary		John Wiley	2010	BLL	History of Mathematics Geometry Euclidean Geometry
Riddles in Mathematics: A Book of Paradoxes	Eugene Purdy Northrop		Krieger Publishing Company	1975	BLL*	Recreational Mathematics Mathematics for the General Reader
Riddles of the Sphinx and Other Mathematical Puzzle Tales	Martin Gardner		Mathematical Association of America	1987	BLL	Recreational Mathematics
Riemann Surfaces	Simon Donaldson		Oxford University Press	2014	BLL*	Complex Analysis Riemann Surfaces
Riemann Surfaces and Algebraic Curves: A First Course in Hurwitz Theory	Renzo Cavalieri and Eric Miles		Cambridge University Press	2017	BLL	Algebraic Geometry Complex Analysis Riemann Surfaces
Riemann Surfaces by Way of Complex Analytic Geometry	Dror Varolin		American Mathematical Society	2011	BLL	Riemann Surfaces Partial Differential Equations Complex Manifolds Complex Analysis
Riemann's Zeta Function	Harold M. Edwards		Dover Publications	2001	BLL	Analytic Number Theory Complex Analysis
Rings and Factorization	David Sharpe		Cambridge University Press	1987	BLL*	Commutative Algebra Ring Theory
Rings and Homology	James P Jans		Dover Publications	1964	BLL	Algebra Applied Algebra
Rings and Ideals	Neal H. McCoy		Mathematical Association of America	1948	BLL	Algebra Applied Algebra
Rings and Their Modules	Paul E. Bland		Walter de Gruyter	2011	BLL	Ring Theory Homological Algebra
Rings of Quotients: An Introduction to Methods of Ring Theory	Bo Strenstrom		Springer	1975	BLL	Algebra
Rings with Involution	I.N. Herstein		University of Chicago Press	1977	BLL*	Ring Theory
Rings, Fields and Groups: An Introduction to Abstract Algebra	R. B. J. T. Allenby	2	Butterworth-Heinemann	1991	BLL	Abstract Algebra
Rings, Fields, and Vector Spaces: An Introduction to Abstract Algebra via Geometric Constructibility	B. A. Sethuraman		Springer Verlag	2006	BLL	Abstract Algebra Field Theory
Risk, Choice, and Prediction: An Introduction to Experimentation	W. J. Youden		Duxbury Press	1974	BLL*	Statistics Design of Experiments
Roads to Infinity: The Mathematics of Truth and Proof	John Stillwell		A K Peters	2010	BLL*	Set Theory Mathematics for the General Reader Logic History of Mathematics
Robust Statistics	Peter J. Huber and Elvezio M. Ronchetti	2	John Wiley	2009	BLL	Statistics Robust Statistics
Robust Statistics: The Approach Based on Influence Functions	Frank R. Hampel, Elvezio M. Ronchetti, Peter J. Rousseeuw, and Werner A. Stahel		John Wiley	2005	BLL	Mathematical Statistics Statistics
Robust Statistics: Theory and Methods	Ricardo A. Maronna, R. Douglas Martin, and Victor J. Yohai		John Wiley	2006	BLL	Robust Statistics Statistics
Rudiments of Ramsey Theory	Ron Graham and Steve Butler	2	American Mathematical Society	2015	BLL*	Combinatorics Ramsey Theory
Russian Mathematics Education: History and World Significance	Alexander Karp and Bruce R. Vogeli, editors		World Scientific	2010	BLL	Mathematics Education Research Mathematics Education History of Mathematics
Sampling Techniques	William G. Cochran	3	John Wiley	2001	BLL	Sampling and Surveys Statistics
Scale Effects in Animal Locomotion	T. J. Pedley		Academic Press	1977	BLL	Mathematical Biology
Schaum's 3,000 Solved Problems in Calculus	Elliott Mendelson		McGraw-Hill	2009	BLL	Calculus
Science Awakening I: Egyptian, Babylonian and Greek Mathematics	B. L. Van Der Waerden		Scholar's Bookshelf	2005	BLL*	History of Mathematics History of Science
Scientific Models: Red Atoms, White Lies and Black Boxes in a Yellow Book	Philip Gerlee and Torbjorn Lundh		Springer	2016	BLL	Mathematical Modeling Philosophy of Science
Scientific Reasoning: The Bayesian Approach	Colin Howson and Peter Urbach	3	Open Court	2005	BLL	Bayesian Statistics Statistics
Second Year Calculus: From Celestial Mechanics to Special Relativity	David M. Bressoud		Springer Verlag	2001	BLL	Vector Calculus Multivariable Calculus Mathematical Physics Calculus Advanced Calculus
Secondary School Mathematics Curriculum: 1985 Yearbook	Christian R. Hirsch and Marilyn J. Zweng		National Council of Teachers of Mathematics	1985	BLL**	Teaching Mathematics Mathematics Education
Secret History: The Story of Cryptology	Craig P. Bauer		Chapman & Hall/CRC	2013	BLL**	Cryptography History of Mathematics
Seduced by Logic: Åmilie Du ChÃcetelet, Mary Somerville and the Newtonian Revolution	Robyn Arianrhod		Oxford University Press	2012	BLL*	Biography History of Mathematics History of Science Women in Mathematics
Selecta II - Expository Writings	Paul R. Halmos		Springer	2014	BLL*	Collected Works Linear Algebra Surveys of Mathematics
Selected Applications of Geometry to Low-Dimensional Topology	Michael H. Freedman		American Mathematical Society	1989	BLL	Geometric Topology
Selected Papers on Algebra	Susan Montgomery and Elizabeth W. Ralston, editors		Mathematical Association of America	1977	BLL*	Abstract Algebra Algebra
Selected Papers on Calculus	Tom M. Apostol, Hubert E. Chrestenson, C. Stanley Ogilvy, and Donald E. Richmond		Mathematical Association of America	1969	BLL*	Calculus
Studies in Harmonic Analysis	J. M. Ash, editor		Mathematical Association of America	1976	BLL**	Harmonic Analysis
Studies in Mathematical Biology: Cellular Behavior and Development of Pattern	Simon A. Levin, editor		Mathematical Association of America	1979	BLL**	Mathematical Biology
Studies in Mathematical Economics	Stanley Reiter		Mathematical Association of America	1986	BLL**	Mathematical Economics
Studies in Model Theory	Michael Darwin Morley		Mathematical Association of America	1973	BLL*	Model Theory Logic
Studies in Numerical Analysis	Gene H. Golub		Mathematical Association of America	1985	BLL**	Numerical Analysis
Studies in Optimization	George Bernard Dantzig		Mathematical Association of America	1974	BLL*	Optimization
Studies in Partial Differential Equations	Walter Littman, editor		Mathematical Association of America	1984	BLL	Partial Differential Equations
Studies in Probability Theory	Murray Rosenblatt		Mathematical Association of America	1979	BLL*	Probability Theory
Studies in the History of Indian Mathematics	C. S. Seshadri, editor		Hindustan Book Agency	2010	BLL*	History of Mathematics Non-Western Cultures
Superpower Games: Applying Game Theory to Superpower Conflict	Steven J. Brams		Yale University Press	1985	BLL	Game Theory Mathematical Social Science
Supersonic Flow and Shock Waves	Richard Courant and K.O. Friedrichs		Springer Verlag	2007	BLL*	Fluid Mechanics Mathematical Physics Partial Differential Equations
Surface Topology	P. A. Firby and Cyril F. Gardiner	3	Horwood Publishing Limited	2001	BLL**	Topology Manifolds
Surfaces	H. Brian Griffiths		Cambridge University Press	1981	BLL*	Differential Geometry Manifolds
Surreal Numbers	Donald E. Knuth		Addison-Wesley	1974	BLL*	Fiction and Poetry Mathematics for the General Reader
Survival Models and their Estimation	Dick London	3	ACTEX Publications	1997	BLL	Actuarial Science
Symbolic Logic	Irving M. Copi	5	Prentice Hall	1959	BLL	Logic
Symbolic Logic	John Venn	2	American Mathematical Society/Chelsea	1979	BLL	Logic
Symbolic Logic and the Real Number System:: An Introduction to the Foundations of Number Systems	A. H Lightstone		Harper & Row	1965	BLL	Analysis
Symmetries of Culture: Theory and Practice of Plane Pattern Analysis	Dorothy K. Washburn and Donald W. Crowe		University of Washington Press	1991	BLL**	Art Group Theory
Symmetry	Hermann Weyl		Princeton University Press	1983	BLL***	Group Theory Art Symmetry
Symmetry and Pattern in Projective Geometry	Eric Lord		Springer	2013	BLL	Projective Geometry
Symmetry Discovered: Concepts and Applications in Nature and Science	Joe Rosen		Dover Publications	2015	BLL	Group Theory Mathematics for the General Reader Symmetry
Symmetry in Science and Art	A. Shubnikov, editor		Springer Verlag	1995	BLL	Group Theory Art Symmetry
Symmetry: A Mathematical Exploration	Kristopher Tapp		Springer	2012	BLL	Group Theory Liberal Arts Mathematics Symmetry
Symmetry: A Very Short Introduction	Ian Stewart		Oxford University Press	2013	BLL	Group Theory Lie Groups Mathematics for the General Reader Symmetry
Systems of Linear Inequalities	A. S. Solodovnikov		University Of Chicago Press	1980	BLL*	Linear Optimization Optimization
Tables of Integrals, Series, and Products	Daniel Zwillinger, I. S. Gradshteyn, and I. M. Ryzhik	8	Academic Press	2014	BLL	Analysis Complex Analysis Real Analysis Special Functions
Taking Sudoku Seriously: The Math behind the World's Most Popular Pencil Puzzle	Jason Rosenhouse and Laura Taalman		Oxford University Press	2011	BLL	Combinatorics Mathematics for the General Reader Recreational Mathematics
Taming the Unknown: A History of Algebra from Antiquity to the Early Twentieth Century	Victor J. Katz and Karen Hunger Parshall		Princeton University Press	2014	BLL**	Algebra Classical Algebra History of Mathematics
Tangrams: 330 Puzzles	Ronald C. Read		Dover Publications	1965	BLL*	Mathematics for the General Reader Recreational Mathematics
Taxicab Geometry: An Adventure in Non-Euclidean Geometry	Eugene F. Krause		Dover Publications	1987	BLL**	Geometry Non-Euclidean Geometry
Tchebycheff Systems	Samuel Karlin		John Wiley	1966	BLL	Analysis
Teaching and Assessing of Mathematical Problem Solving	Edward A. Silver and Randall Charles, editors		National Council of Teachers	1988	BLL**	Problem Solving Mathematics Education
Teaching and Learning Mathematics in the 1990s: 1990 Yearbook	Thomas J. Cooney		National Council of Teachers of Mathematics	1990	BLL***	Teaching Mathematics
Teaching Elementary Mathematics: A Resource for Field Experiences	Nancy L. Smith, Diana V. Lambdin, Mary M. Lindquist, and Robert E. Reyes	4	John Wiley	2009	BLL	Teaching Mathematics Mathematics Education Elementary Mathematics
Teaching Fractions through Situations: A Fundamental Experiment	Guy Brousseau, Nadine Brousseau, and Virginia Warfield		Springer	2013	BLL	Mathematics Education Mathematics Education Research
Teaching Mathematics: Strategies That Work K-12	Mark Driscoll and Jere Confrey		Heinemann	1986	BLL	Mathematics Education Research Teaching Mathematics
Teaching School Mathematics: Pre-Algebra	Hung-Hsi Wu		American Mathematical Society	2016	BLL	Elementary Mathematics Mathematics Education Teaching Mathematics
Teaching Statistics and Probability: 1981 Yearbook	A. P. Schulte, editor		National Council of Teachers of Mathematics	1981	BLL*	Mathematics Education
Technical Mathematics	Jacqueline C. Austin, Jack C. Gill, and Margarita Isern	4	Harcourt Brace	1988	BLL**	Technical Mathematics
Technical Mathematics with Calculus	Paul A. Calter and Michael A. Calter	5	John Wiley	2006	BLL**	Mathematics for Engineers
Temporary Equilibrium: Selected Readings	Jean-Michel Grandmont		Academic Press	1988	BLL*	Mathematical Economics
Ten Great Ideas About Chance	Persi Diaconis and Brian Skyrms		Princeton University Press	2017	BLL*	History of Mathematics History of Statistics Philosophy of Mathematics Philosophy of Science Probability Statistics
Tensor Analysis: Theory and Applications to Geometry and Mechanics of Continua	I. S. Sokolnikoff	2	John Wiley	1964	BLL**	Tensor Analysis Multilinear Algebra Continuum Mechanics
Tensor Geometry: The Geometric Viewpoint and Its Uses	Christopher T.J. Dodson and Timothy Poston	2	Springer Verlag	2000	BLL*	Differential Geometry
Textbooks, Testing, Training: How We Discourage Thinking	Stephen S. Willoughby		Mathematical Association of America	2014	BLL	Mathematics Education
The Abacus and the Cross: The Story of the Pope Who Brought the Light of Science to the Dark Ages	Nancy Marie Brown		Basic Books	2010	BLL**	History of Mathematics Mathematics for the General Reader

The Abel Prize 2003-2007: The First Five Years	Helge Holden and Ragni Piene, editors		Springer	2010	BLL*	History of Mathematics
The Abel Prize 2008-2012	Helge Holden and Ragni Piene, editors		Springer	2014	BLL*	History of Mathematics
	Maurice Kendall, Alan Stuart, and Keith J. Ord					
The Advanced Theory of Statistics			Oxford University Press	1987	BLL***	Mathematical Statistics Statistics
The Adventure of Reason	Paolo Mancosu		Oxford University Press	2014	BLL	History of Mathematics Logic Philosophy of Mathematics
The Algebraic Eigenvalue Problem	James H. Wilkinson		Oxford University Press	2004	BLL***	Linear Algebra
The Algebraic Structure of Group Rings	Donald S. Passman		Dover Publications	2011	BLL	Group Theory Representation Theory Ring Theory
The Analysis of Cross-Classified Categorical Data	Stephen E. Fienberg	2	Springer	2007	BLL*	Data Analysis Statistics
The Analysis of Linear Partial Differential Operators I: Distribution Theory and Fourier Analysis	Lars Hormander		Springer	2003	BLL*	Partial Differential Equations Functional Analysis Fourier Analysis Distributions
The Analysis of Linear Partial Differential Operators IV: Fourier Integral Operators	Lars Hormander		Springer	2009	BLL*	Fourier Analysis Partial Differential Equations
The Analysis of Time Series: An Introduction	Chris Chatfield	6	Chapman&Hall/CRC	2004	BLL*	Statistics Time Series
	Francois Vi��te, translated by T. Richard Witmer					
The Analytic Art			Dover Publications	2006	BLL	Algebra Classic Works History of Mathematics Theory of Equations
The Ancient Tradition of Geometric Problems	Wilbur R. Knorr		Dover Publications	1993	BLL**	History of Mathematics
The Annotated Turing: A Guided Tour through Alan Turing's Historic Paper on Computability and the Turing Machine	Charles Petzold		John Wiley	2008	BLL	Classic Works Logic Theory of Computation
The Archimedes Codex: How a Medieval Prayer Book Is Revealing the True Genius of Antiquity's Greatest Scientist	Reviel Netz and William Noel		Da Capo Press	2007	BLL**	History of Mathematics Mathematics for the General Reader
The Arithmetic of Dosages and Solutions	Laura K. Hart		Mosby and Company	1988	BLL**	Mathematics for Health Careers
The Arithmetic of Elliptic Curves	Joseph H. Silverman		Springer Verlag	1986	BLL**	Number Theory Elliptic Curves Analytic Number Theory
The Arithmetic of Elliptic Curves	Joseph H. Silverman	2	Springer	2009	BLL**	Number Theory Elliptic Curves Arithmetic Algebraic Geometry
The Art and Craft of Problem Solving	Paul Zeitz	2	John Wiley	2006	BLL	Problem Solving Problems Olympiad Level
The Art and Science of Negotiation	Howard Raiffa		Belknap Press	2005	BLL***	Game Theory Mathematical Economics
	Mrudulla Gnanadesikan, Richard L. Scheaffer, and Jim Swift					
The Art and Techniques of Simulation			Dale Seymour	1987	BLL**	Probability
The Art of Computer Programming, Volume 1: Fundamental Algorithms	Donald E. Knuth	3	Addison-Wesley	1997	BLL***	Algorithms
The Art of Computer Programming, Volume 2: Seminumerical Algorithms	Donald E. Knuth	3	Addison-Wesley	1997	BLL***	Algorithms
The Art of Computer Programming, Volume 3: Sorting and Searching	Donald E. Knuth	2	Addison-Wesley	1998	BLL***	Algorithms
The Art of Decision-Making	Morton Davis		Springer Verlag	1985	BLL*	Discrete Mathematics Mathematical Modeling Transition to Advanced Mathematics
The Art of Proof: Basic Training for Deeper Mathematics	Matthias Beck and Ross Geoghegan		Springer	2010	BLL	Transition to Advanced Mathematics Proofs and Logic
The Autobiography of Bertrand Russell	Bertrand Russell		Routledge	2000	BLL	Biography History of Mathematics
The Axiom of Choice	Thomas J. Jech		Dover	2008	BLL	Logic Model Theory Set Theory
The Banach-Tarski Paradox	Stan Wagon	2	Cambridge University Press	1993	BLL*	Measure Theory Real Analysis Set Theory
The Beauty of Doing Mathematics: Three Public Dialogues	Serge Lang		Springer Verlag	1985	BLL*	Mathematics for the General Reader
The Beauty of Everyday Mathematics	Norbert Herrmann		Springer	2012	BLL	Mathematics for the General Reader Recreational Mathematics
The Beauty of Fractals: Images of Complex Dynamical Systems	Heinz-Otto Peitgen		Springer Verlag	1986	BLL*	Fractals
The Best of All Possible Worlds: Mathematics and Destiny	Ivar Ekeland		University of Chicago Press	2006	BLL	Calculus of Variations Mathematical Physics Mathematics for the General Reader Optimization
The Best Writing in Mathematics 2016	Mircea Pitici, editor		Princeton University Press	2017	BLL	Mathematics for the General Reader
The Best Writing on Mathematics 2010	Mircea Pitici, editor		Princeton University Press	2011	BLL	Mathematics for the General Reader
The Best Writing on Mathematics 2011	Mircea Pitici, editor		Princeton University Press	2011	BLL	Mathematics for the General Reader
The Best Writing on Mathematics 2012	Mircea Pitici, editor		Princeton University Press	2013	BLL	Mathematics for the General Reader
The Best Writing on Mathematics 2013	Mircea Pitici, editor		Princeton University Press	2013	BLL	Combinatorics Elementary Number Theory Mathematics for the General Reader
The Best Writing on Mathematics 2014	Mircea Pitici, editor		Princeton University Press	2014	BLL	Mathematics for the General Reader
The Best Writing on Mathematics 2015	Mircea Pitici, editor		Princeton University Press	2016	BLL	Mathematics for the General Reader
The Book of Numbers	John Horton Conway and Richard K. Guy		Copernicus Books (Springer)	1996	BLL**	Number Theory Mathematics for the General Reader Liberal Arts Mathematics Elementary Number Theory
The Book of Prime Number Records	Paulo Ribenboim	2	Springer Verlag	1989	BLL*	Algorithms Number Theory Prime Numbers
The Calculus Gallery: Masterpieces from Newton to Lebesgue	William Dunham		Princeton University Press	2005	BLL**	Calculus History of Mathematics
The Calculus of Selfishness	Karl Sigmund		Princeton University Press	2010	BLL	Game Theory Mathematical Biology Mathematical Social Science
			Chicago University Press and Mathematical Association of America			
The Calculus: A Genetic Approach	Otto Toeplitz			2007	BLL*	Calculus History of Mathematics Single Variable Calculus
The Canterbury Puzzles	Henry E. Dudeney		Dover Publications	2002	BLL	Mathematics for the General Reader Problems Recreational Mathematics
	Sergei S. Demidov and Boris V. L��vshin, editors					
The Case of Academician Nikolai Nikolaevich Luzin			American Mathematical Society	2016	BLL	History of Mathematics
The Cauchy-Schwarz Master Class: An Introduction to the Art of Mathematical Inequalities	J. Michael Steele		Mathematical Association of America	2004	BLL**	Inequalities
The Chebyshev Polynomials: From Approximation Theory to Algebra and Number Theory	Theodore J. Rivlin		John Wiley	1974	BLL	Harmonic Analysis Analysis
	Jean Piaget, B��rbel Inhelder, and Alina Szeminska					
The Child's Conception of Geometry			W. W. Norton and Company	1981	BLL	Mathematics Education Research
The Chinese Roots of Linear Algebra	Roger Hart		Johns Hopkins University Press	2011	BLL*	History of Mathematics Linear Algebra Non-Western Cultures
The Classical Groups: Their Invariants and Representations	Hermann Weyl		Princeton University Press	1997	BLL*	Classical Groups Group Theory Lie Groups Representation Theory
The Classical Moment Problem	N. I. Akhiezer		Oliver & Boyd	1965	BLL	Analysis
The Compleat Strategyst: Being a Primer on the Theory of Games of Strategy	J. D. Williams		Dover Publications	1986	BLL*	Game Theory
The Computation of Economic Equilibria	Herbert Scarf and Terje Hansen		Yale University Press	1973	BLL*	Mathematical Economics
The Computer from Pascal to von Neumann	Herman H. Goldstine		Princeton University Press	1980	BLL*	Computer Science History of Mathematics
The Concept of a Riemann Surface	Hermann Weyl		Dover Publications	2009	BLL*	Classic Works Complex Analysis Complex Manifolds Riemann Surfaces
The Concrete Tetrahedron	Manuel Kauers and Peter Paule		Springer	2011	BLL	Theory of Computation Combinatorics Algorithms
The Contest Problem Book II: Annual High School Contests 1961-1965	Charles T. Salkind		Mathematical Association of America	1966	BLL**	Problems Olympiad Level
The Contest Problem Book III: Annual High School Contests 1966-1972	Charles T. Salkind and James M. Earl		Mathematical Association of America	1973	BLL**	Problems Olympiad Level
The Contest Problem Book IV: Annual High School Contests 1973-1982	Ralph A. Artino, Anthony M. Gaglione and Niel Shell		Mathematical Association of America	1983	BLL**	Problems Olympiad Level
The Contest Problem Book: Annual High School Mathematics Examinations 1950-1960	Charles T. Salkind		Mathematical Association of America	1961	BLL*	Problems Olympiad Level
The Craft of Probabilistic Modelling: A Collection of Personal Accounts	J. Gani, N.T.J. Bailey, J.W. Cohen, and W.J. Ewens		Springer	1986	BLL*	Stochastic Models
The Crest of the Peacock: The Non-European Roots of Mathematics	George Gheverghese Joseph	3	Princeton University Press	2011	BLL***	History of Mathematics Non-Western Cultures
The Cult of Pythagoras: Math and Myths	Alberto A. Martinez		University of Pittsburgh Press	2012	BLL	History of Mathematics Mathematics for the General Reader Philosophy of Mathematics
The Decomposition of Figures into Smaller Parts	Vladimir G.Boltyanskii and Izrail T.Golnberg		University Of Chicago Press	1980	BLL*	Computational Geometry Discrete Geometry
	Alfred V. Aho, John E. Hopcroft, and Jeffrey D. Ullman					
The Design and Analysis of Computer Algorithms			Addison-Wesley	1974	BLL***	Algorithms
The Development of Mathematical Thinking	Herbert Ginsburg		Academic Press	1982	BLL	Mathematics Education Research
The Development of Newtonian Calculus in Britain, 1700-1810	Nicola Guicciardini		Cambridge University Press	1989	BLL*	History of Mathematics Calculus
The Divine Proportion	H. E. Huntley		Dover Publications	2015	BLL	Art Mathematics for the General Reader
The Doctrine of Chances: Probabilistic Aspects of Gambling	Stewart N. Ethier		Springer	2010	BLL	Probability Theory Game Theory
The Doctrine of Chances; Or a Method of Calculating the Probabilities of Events in Play	Abraham De Moivre		American Mathematical Society	2000	BLL*	Classic Works History of Mathematics Probability Theory
The Dynamics of Arthropod Predator-Prey Systems	Michael Patrick Hassell		Princeton University Press	1978	BLL*	Mathematical Biology Dynamical Systems
The Dynamics of Physiologically Structured Populations	Johan A. J. Metz and O. Diekmann		Springer	1986	BLL	Mathematical Biology
The Early Mathematics of Leonhard Euler	C. Edward Sandifer		Mathematical Association of America	2007	BLL*	Biography History of Mathematics
The Einstein Theory Of Relativity	Lillian R. Lieber		Lieber Press	2007	BLL*	General Relativity Mathematical Physics
The Elements of Graphing Data	William S. Cleveland	2	Chapman & Hall/CRC	1994	BLL***	Data Analysis Statistics
The Elements of Operator Theory	Carlos S. Kubrusly	2	Birkhauser	2011	BLL	Operator Theory
The Elements of Real Analysis	Robert G. Bartle	2	John Wiley	1976	BLL*	Real Analysis
The Elements of Stochastic Processes with Applications to the Natural Sciences	Norman T. J. Bailey		John Wiley	1990	BLL	Stochastic Processes
The Emergence of Number	J. N. Crossley		World Scientific	1987	BLL	History of Mathematics
The Emergence of Probability: A Philosophical Study of Early Ideas about Probability, Induction and Statistical Inference	Ian Hacking		Cambridge University Press	1984	BLL*	History of Mathematics Probability Theory Statistics
The Emergence of the American Mathematical Community 1876-1900: J. J. Sylvester, Felix Klein, and E. H. Moore	Karen Hunger Parshall and David E. Rowe		American Mathematical Society	2017	BLL**	History of Mathematics
The Emperor's New Mathematics: Western Learning and Imperial Authority During the Kangxi Reign (1662-1722)	Catherine Jami		Oxford University Press	2012	BLL*	History of Mathematics Non-Western Cultures
The Empire of Chance: How Probability Changed Science and Everyday Life	Gerd Gigerenzer, et al.		Cambridge University Press	1990	BLL*	History of Mathematics Probability Theory Statistics
The Enjoyment of Math	Hans Rademacher and Otto Toeplitz		Princeton University Press	1966	BLL*	Mathematics for the General Reader Surveys of Mathematics
	Julia Garibaldi, Alex Iosevich and Steven Senger					
The Erd��s Distance Problem			American Mathematical Society	2011	BLL	Euclidean Geometry Combinatorics Combinatorial Geometry
The European Mathematical Awakening: A Journey Through the History of Mathematics from 1000 to 1800	Frank J. Swetz		Dover Publications	2013	BLL**	History of Mathematics

The Evolution of Sex: An examination of Current Ideas	Richard E. Michod and Bruse Levin, editors		Sinauer Associates	1988	BLL	Mathematical Biology
The Exact Sciences in Antiquity	O. Neugebauer		Dover Publications	1969	BLL**	History of Mathematics
The Fascinating World of Graph Theory	Arthur Benjamin, Gary Chartrand, and Ping Zhang		Princeton University Press	2014	BLL	Graph Theory
The Fascination of Groups	F. J. Budden		Cambridge University Press	1972	BLL**	Algebra Abstract Algebra
The Fascination of Statistics	Richard J. Brook		Chapman & Hall/CRC	1986	BLL*	Statistics
The Finite Element Method for Elliptic Problems	Philippe Ciarlet		SIAM	2002	BLL	Differential Equations Numerical Analysis Scientific Computation
The Finite Simple Groups	Robert A. Wilson		Springer	2010	BLL**	Finite Groups Group Theory
The Finite Simple Groups and Their Classification	Michael Aschbacher		Yale University Press	1980	BLL	Group Theory
The First Copernican: Georg Joachim Rheticus and the Rise of the Copernican Revolution	Dennis Danielson		Walker & Company	2006	BLL	Biography History of Science
The First Electronic Computer: The Atanasoff Story	Alice R. Burks and Arthur W. Burks		University of Michigan Press	1989	BLL	History of Mathematics Biography
The First Professional Scientist: Robert Hooke and the Royal Society of London	Robert D. Purrington		Birkhauser	2009	BLL	History of Science Biography
The First Six Books of the Elements of Euclid	Oliver Byrne		Taschen	2010	BLL*	Classic Works Euclidean Geometry History of Mathematics
The Foundations of Geometry and the Non-Euclidean Plane	George Edward Martin		Springer Verlag	2006	BLL*	Euclidean Geometry Non-Euclidean Geometry
The Four-Color Problem: Assaults and Conquest	Thomas L Saaty		McGraw-Hill	1977	BLL	Combinatorics Graph Theory
The Fourier Integral and Certain of its Applications	Norbert Wiener		Cambridge University Press	1989	BLL**	Classic Works Fourier Analysis Harmonic Analysis Integral Transforms
The Fourth Dimension and Non-Euclidean Geometry in Modern Art	Linda Dalrymple Henderson		Princeton University Press	1983	BLL*	Non-Euclidean Geometry Art
The Fourth Dimension and Non-Euclidean Geometry in Modern Art	Linda Dalrymple Henderson		MIT Press	2013	BLL*	History of Mathematics Mathematics and Culture Non-Euclidean Geometry
The Fourth Dimension: Toward a Geometry of Higher Reality	Rudy Rucker		Dover Publications	2014	BLL	Euclidean Geometry Mathematics for the General Reader
The Fractal Geometry of Nature	Benoit B. Mandelbrot		W. H. Freeman	1982	BLL***	Fractals Mathematical Modeling
The Functions of Mathematical Physics	Harry Hochstadt		Dover Publications	1987	BLL	Mathematical Physics Special Functions
The Fundamentals of Pension Mathematics	Barnet N. Berin		Society of Actuaries	1989	BLL*	Actuarial Science
The G. H. Hardy Reader	Donald J. Albers, Gerald L. Alexanderson, and William Dunham, editors		MAA Press/Cambridge University Press	2015	BLL	Biography History of Mathematics
The Game of Business	John McDonald		Doubleday	1975	BLL*	Game Theory
The Game of Cops and Robbers in Graphs	Anthony Bonato and Richard J. Nowakowski		American Mathematical Society	2011	BLL	Algorithms Combinatorial Games Graph Theory
The Gamma Function	Emil Artin		Dover Publications	2015	BLL**	Real Analysis Special Functions
The Genesis of the Abstract Group Concept: A Contribution to the History of the Origin of Abstract Group Theory	Hans Wussing		Dover Publications	2007	BLL**	Group Theory History of Mathematics
The Genetic Structure of Populations	Albert Jacquard		Springer	1974	BLL	Mathematical Biology
The Genius of Euler: Reflections on His Life and Work	William Dunham, editor		Mathematical Association of America	2007	BLL*	History of Mathematics
The Geometry and Physics of Knots	Michael Atiyah		Cambridge University Press	1990	BLL*	Geometric Topology Knot Theory
The Geometry and Topology of Coxeter Groups	Michael W. Davis		Princeton University Press	2007	BLL	Combinatorial Group Theory Geometric Group Theory Group Theory
The Geometry of An Art: The History of the Mathematical Theory of Perspective from Alberti to Monge	Kirsti Andersen		Springer Verlag	2007	BLL	Art History of Mathematics
The Geometry of Biological Time	Arthur T. Winfree		Springer Verlag	2001	BLL*	Mathematical Modeling Mathematical Biology
The Geometry of Celestial Mechanics	Hansjorg Geiges		Cambridge University Press	2016	BLL	Celestial Mechanics Dynamical Systems
The Geometry of Fractal Sets	K. J. Falconer		Cambridge University Press	1986	BLL	Analysis
The Geometry of Genetics	A. M. Findlay, S. P. McGlynn, and G. L. Findley		John Wiley	1989	BLL	Mathematical Biology Mathematical Modeling
The Geometry of Musical Rhythm: What Makes a "Good" Rhythm Good?	Godfried T. Toussaint		Chapman & Hall/CRC	2013	BLL	Mathematics and Music
The Geometry of Rene Descartes	David E. Smith and Marcia L. Latham		Dover Publications	1954	BLL**	Classic Works History of Mathematics
The Geometry of the Octonions	Tevian Dray and Corinne A. Manogue		World Scientific	2015	BLL	Geometric Algebra Lie Groups Mathematical Physics
The Golden Age of Theoretical Ecology: 1923-1940	F.M. Scudo and J.R. Ziegler		Springer	1978	BLL	Mathematical Biology
The Golden Ticket: P, NP and the Search for the Impossible	Lance Fortnow		Princeton University Press	2013	BLL	Mathematics for the General Reader Theory of Computation
The Good Life in the Scientific Revolution: Descartes, Pascal, Leibniz, and the Cultivation of Virtue	Matthew L. Jones		University of Chicago Press	2006	BLL*	History of Science
The Greate Invention of Algebra: Thomas Harriot's Treatise on Equations	Jacqueline A. Stedall		Oxford University Press	2003	BLL	Algebra History of Mathematics Theory of Equations
The Growth of Logical Thinking From Childhood to Adolescence	Barbel And Jean Piaget Inhelder		Basic Books	1961	BLL	Mathematics Education Research
The Heart of Calculus: Explorations and Applications	Philip M. Anselone and John W. Lee		Mathematical Association of America	2015	BLL	Calculus Mathematical Modeling
The Higher Arithmetic: An Introduction to the Theory of Numbers	H. Davenport	8	Cambridge University Press	2008	BLL*	Elementary Number Theory Number Theory
The Higher Calculus: A History of Real and Complex Analysis from Euler to Weierstrass	Umberto Bottazzini		Springer Verlag	1986	BLL*	Analysis History of Mathematics
The Historical Development of the Calculus	C. H. Edwards, Jr.		Springer Verlag	1994	BLL*	Calculus History of Mathematics
The History and Development of Nomography	H. A. Evesham		Docent Press	1982	BLL	History of Mathematics Algorithms
The History of Mathematical Proof in Ancient Traditions	Karine Chemla, editor		Cambridge University Press	2013	BLL*	History of Mathematics Philosophy of Mathematics
The History of Mathematics from Antiquity to the Present: A Selective Bibliography	Joseph W. Dauben		American Mathematical Society	2000	BLL	History of Mathematics
The History of Mathematics: A Brief Course	Roger Cooke	2	John Wiley	2005	BLL**	History of Mathematics
The History of Mathematics: A Reader	John Fauvel and Jeremy Gray, editors		Mathematical Association of America	1997	BLL**	Classic Works
The History of Mathematics: A Very Short Introduction	Jacqueline Stedall		Oxford University Press	2012	BLL***	History of Mathematics
The History of Mathematics: An Introduction	David M. Burton	6	McGraw-Hill	2007	BLL	History of Mathematics
The History of Statistics: The Measurement of Uncertainty Before 1900	Stephen M. Stigler		Belknap Press	1986	BLL***	History of Mathematics Statistics
The History of the Calculus and Its Conceptual Development	Carl B. Boyer		Dover Publications	1959	BLL	Calculus History of Mathematics
The Honors Class: Hilbert's Problems and their Solvers	Benjamin H. Yandell		A K Peters	2001	BLL**	Biography History of Mathematics Mathematics for the General Reader
The Hopf Bifurcation and Its Applications	J. E. Marsden and M. McCracken		Springer	1976	BLL*	Dynamical Systems
The How and Why of One Variable Calculus	Amol Sasane		John Wiley	2015	BLL	Calculus Single Variable Calculus
The IMO Compendium: A Collection of Problems Suggested for the International Mathematical Olympiads: 1959-2004	DuĀjan Djukic, Vladimir Jankovic, Ivan Matic, and Nikola Petrovic		Springer Verlag	2006	BLL	Problems Olympiad Level
The IMO Compendium: A Collection of Problems Suggested for the International Mathematical Olympiads: 1959-2009	DuĀjan Djukic, Vladimir Jankovic, Ivan Matic, and Nikola Petrovic	2	Springer Verlag	2011	BLL	Problems Olympiad Level
The Implicit Function Theorem: History, Theory, and Applications	Steven G. Krantz and Harold R. Parks		Birkhauser	2013	BLL	Functional Analysis Real Analysis
The Ins and Outs of Peg Solitaire	John D. Beasley		Oxford University Press	1992	BLL*	Recreational Mathematics
The Intrinsic Nature of Things: The Life and Science of Cornelius Lanczos	Barbara Gellai		American Mathematical Society	2010	BLL*	Biography
The Intuitive Sources of Probabilistic Thinking in Children	Efraim Fischbein		Springer	1980	BLL	Mathematics Education Research
The Irrationals: A Story of the Numbers You Can't Count On	Julian Havil		Princeton University Press	2012	BLL	Mathematics for the General Reader Number Theory Transcendence Theory
The Jackknife, the Bootstrap, and Other Resampling Plans	Bradley Efron		SIAM	1987	BLL*	Data Analysis Statistics
The Joy of Factoring	Samuel S. Wagstaff, Jr.		American Mathematical Society	2013	BLL*	Algorithms Computational Number Theory Elementary Number Theory
The Joy of SET: The Many Mathematical Dimensions of a Seemingly Simple Card Game	Liz McMahon, Gary Gordon, Hannah Gordon and Rebecca Gordon		Princeton University Press	2016	BLL	Combinatorial Games Mathematics for the General Reader Recreational Mathematics
The KAM Story	H. Scott Dumas		World Scientific	2014	BLL*	Dynamical Systems History of Mathematics
The Laboratory Approach to Teaching Calculus	L. Carl Leinbach, Joan R. Hundhausen, Arnold M. Ostebee, and Lester J. Senchal, editors		Mathematical Association of America	1990	BLL*	Mathematics Education
The Lady Tasting Tea: How Statistics Revolutionized Science in the Twentieth Century	David Salsburg		Owl Books	2002	BLL***	Biography History of Statistics Mathematics for the General Reader
The Language of First-Order Logic	Jon Barwise and John Etchemendy		Center for the Study of Language and Information	1992	BLL*	Logic
The Lebesgue Integral	J. C. Burkill		Cambridge University Press	2004	BLL*	Real Analysis
The Lebesgue Integral for Undergraduates	William Johnston		MAA Press	2015	BLL	Integration Measure Theory Real Analysis
The Liar: An Essay on Truth and Circularity	Jon Barwise and John Etchemendy		Oxford University Press	1989	BLL*	Logic Philosophy of Mathematics
The Life and Times of the Central Limit Theorem	William J. Adams	2	American Mathematical Society/London Mathematical Society	2009	BLL*	History of Mathematics Probability Probability Theory
The Life of Benjamin Banneker	Silvio Bedini	2	Maryland Historical Society	1972	BLL*	Biography History of Mathematics
The Little Book of Bigger Primes	Paulo Ribenboim	2	Springer Verlag	2004	BLL*	Algorithms Number Theory Prime Numbers
The Logic of Decision	Richard C. Jeffrey	2	University Of Chicago Press	1990	BLL	Logic
The Lore of Large Numbers	Philip J. Davis		Mathematical Association of America	1975	BLL	Mathematics for the General Reader
The Lorenz Equations: Bifurcations, Chaos, and Strange Attractors	Colin Sparrow		Dover Publications	2005	BLL*	Dynamical Systems
The Making of Statisticians	J. Gani, editor		Springer	1982	BLL*	History of Statistics
The Man Who Knew Infinity: A Life of the Genius Ramanujan	Robert Kanigel		Washington Square Press	1991	BLL**	Biography History of Mathematics
The Man Who Loved Only Numbers: The Story of Paul Erdos and the Search for Mathematical Truth	Paul Hoffman		Hyperion	1998	BLL**	Biography Mathematics for the General Reader
The Mathematical Career of Pierre de Fermat, 1601-1665	Michael S. Mahoney		Princeton University Press	1994	BLL*	Biography History of Mathematics

The Mathematical Education of Teachers II	Conference Board of the Mathematical Sciences		American Mathematical Society/Mathematical Association of America	2012	BLL	Mathematics Education Mathematics Education Research
The Mathematical Experience	Philip J. Davis and Reuben Hersh		Mariner Books	1999	BLL	Mathematics for the General Reader Surveys of Mathematics
The Mathematical Legacy of Srinivasa Ramanujan	M. Ram Murty and V. Kumar Murty		Springer	2013	BLL	Analytic Number Theory History of Mathematics Number Theory
The Mathematical Magpie	Clifton Fadiman	2	Springer	1997	BLL*	Mathematics for the General Reader Mathematics and Literature
The Mathematical Modeling of Metabolic and Endocrine Systems: Model Formulation, Identification, and Validation	Ewart R. Carson		John Wiley	1982	BLL*	Mathematical Biology
The Mathematical Puzzles of Sam Loyd	Martin Gardner		Dover Publications	1959	BLL***	Recreational Mathematics
The Mathematical Recreations of Lewis Carroll: Pillow Problems and a Tangled Tale	Lewis Carroll		Dover Publications	1958	BLL	Recreational Mathematics
The Mathematical Sciences in 2025	National Research Council			2013	BLL	Mathematics and Society Mathematics Education
The Mathematical Sciences: A Collection of Essays	George Boehm		MIT Press	1969	BLL*	Surveys of Mathematics Mathematics for the General Reader
The Mathematical Structure of the Human Sleep-Wake Cycle	Steven H. Stogatz		Springer	1986	BLL	Mathematical Biology
The Mathematical Theory of Communication	Claude E Shannon and Warren Weaver		University of Illinois Press	1963	BLL***	Coding Theory Mathematical Physics
The Mathematical Theory of Huygens' Principle	Bevan B. Baker and E. T. Copson		American Mathematical Society	2003	BLL	Partial Differential Equations
The Mathematical Theory of Plasticity	R. Hill		Oxford University Press	1998	BLL**	Continuum Mechanics Mathematical Physics
The Mathematical Theory of Quantitative Genetics	M. G. Bulmer		Oxford University Press	1985	BLL	Mathematical Biology
The Mathematical Theory of the Dynamics of Biological Populations	M. S. Bartlett and R. W. Hiorns, editors		Academic Press	1974	BLL	Mathematical Biology
The Mathematical Theory of Wave Motion	G. R. Baldock and T. Bridgeman		Ellis Horwood Ltd	1983	BLL	Fluid Mechanics
The Mathematical Tourist: New and Updated Snapshots of Modern Mathematics	Ivars Peterson		Owl Books	1998	BLL***	Mathematics for the General Reader
The Mathematical Work of John Wallis	J. F. Scott		Chelsea Publishing	1981	BLL	Biography History of Mathematics
The Mathematical Writings of Évariste Galois	Peter M. Neumann		European Mathematical Society	2011	BLL**	Classic Works History of Mathematics
The Mathematician's Mind: The Psychology of Invention in the Mathematical Field	Jacques Hadamard		Princeton University Press	1996	BLL***	Psychology of Mathematics
The Mathematics of Computerized Tomography	Frank Natterer		SIAM	2001	BLL	Mathematical Biology Mathematical Modeling
The Mathematics of Drugs and Solutions with Clinical Applications	Lloyd I. Richardson and Judith k. Richardson	4	Mosby	1990	BLL*	Technical Mathematics Mathematics for Health Careers
The Mathematics of Egypt, Mesopotamia, China, India, and Islam: A Sourcebook	Victor J. Katz, editor		Princeton University Press	2007	BLL***	Classic Works History of Mathematics Non-Western Cultures
The Mathematics of Encryption: An Elementary Introduction	Margaret Cozzens and Steven J. Miller		American Mathematical Society	2013	BLL	Cryptography
The Mathematics of Frobenius in Context: A Journey Through 18th to 20th Century Mathematics	Thomas Hawkins		Springer	2013	BLL**	Biography History of Mathematics
The Mathematics of Games and Gambling	Edward Packel	2	Mathematical Association of America	2006	BLL***	Game Theory Mathematics for the General Reader Probability Theory
The Mathematics of Great Amateurs	Julian Coolidge	2	Oxford University Press	1990	BLL	History of Mathematics
The Mathematics of Medical Imaging: A Beginner's Guide	Timoth G. Feeman		Springer	2010	BLL	Tomography Inverse Problems Integral Transforms Image Analysis
The Mathematics of Nonlinear Programming	Anthony L. Peressini, Francis E. Sullivan, and J.J. Jr. Uhl	2	Springer Verlag	1993	BLL*	Linear Optimization Optimization
The Mathematics of Plato's Academy: A New Reconstruction	David Fowler	2	Oxford University Press	1999	BLL*	History of Mathematics
The Mathematics of Projectiles in Sport	Neville de Mestre		Cambridge University Press	1990	BLL	Real Analysis Calculus
The Mathematics of Sonya Kovalevskaya	Roger Cooke		Springer Verlag	1984	BLL**	Biography History of Mathematics Women in Mathematics
The Mathematics of the Heavens and the Earth: The Early History of Trigonometry	Glen van Brummelen		Princeton University Press	2009	BLL**	Trigonometry History of Mathematics
The Mathematics of Various Entertaining Subjects	Jennifer Beineke and Jason Rosenhouse, editors		Princeton University Press	2016	BLL	Recreational Mathematics
The Mismeasure of Man	Stephen Jay Gould		W. W. Norton & Company	1996	BLL	Mathematical Social Science
The Monte Carlo Method	I. M. Sobol		MIR Publishers	1984	BLL*	Monte Carlo Methods
The Moscow Puzzles: 359 Mathematical Recreations	Boris A. Kordemsky		Dover Publications	1992	BLL	Mathematics for the General Reader Problems Recreational Mathematics
The Mutually Beneficial Relationship of Graphs and Matrices	Richard A. Brualdi		American Mathematical Society	2011	BLL	Algebraic Combinatorics Graph Theory Linear Algebra
The Nature and Growth of Modern Mathematics	Edna E. Kramer		Princeton University Press	1983	BLL*	History of Mathematics
The Nature of Mathematical Knowledge	Philip Kitcher		Oxford University Press	1985	BLL*	Philosophy of Mathematics
The Nature of Statistics	W. Allen Wallis and Harry V. Roberts		Dover Publications	2014	BLL*	Mathematics for the General Reader Statistics
The Navier-Stokes Problem in the 21st Century	Pierre Gilles Lemarie-Rieusset		Chapman & Hall/CRC	2016	BLL	Fluid Mechanics Partial Differential Equations
The New Mathematics of Architecture	Jane Burry and Mark Burry		Thames and Hudson	2011	BLL	Mathematics and Architecture Art
The Noether Theorems: Invariance and Conservation Laws in the Twentieth Century	Yvette Kosmann-Schwarzbach		Springer	2011	BLL*	History of Mathematics Mathematical Physics Women in Mathematics
The Non-Euclidean Revolution	Richard J. Trudeau		Birkhauser	2008	BLL	History of Mathematics Non-Euclidean Geometry
The Number Mysteries: A Mathematical Odyssey Through Everyday Life	Marcus Du Sautoy		Macmillan	2011	BLL	Mathematics for the General Reader
The Number Systems: Foundations of Algebra and Analysis	Solomon Feferman	2	American Mathematical Society	2003	BLL	Analysis
The Numerical Methods Programming Projects Book	Thomas A. Grandine		Oxford University Press	1990	BLL**	Scientific Computation Numerical Analysis
The Numerical Solution of Ordinary and Partial Differential Equations	Granville Sewell	2	John Wiley	2005	BLL*	Numerical Analysis Ordinary Differential Equations Partial Differential Equations
The Origins of Cauchy's Rigorous Calculus	Judith V. Grabiner		Dover Publications	2005	BLL**	History of Mathematics
The Origins of Digital Computers: Selected Papers	Brian Randell, editor	3	Springer Verlag	1982	BLL	Computer Science History of Mathematics
The Origins of the Infinitesimal Calculus	Margaret E. Baron		Dover Publications	2004	BLL	Calculus History of Mathematics
The Origins of Theoretical Population Genetics	William B. Provine	2	University Of Chicago Press	2001	BLL	Mathematical Biology Mathematical Modeling
The Oxford Handbook of Generality in Mathematics and the Sciences	Karine Chemla, Renaud Chorlay, and David Rabouin, editors		Oxford University Press	2016	BLL*	History of Mathematics History of Science Philosophy of Mathematics Philosophy of Science
The Oxford Handbook of The History of Mathematics	Eleanor Robson and Jacqueline Stedall, editors		Oxford University Press	2009	BLL*	History of Mathematics
The Penguin Dictionary of Mathematics	John Daintith and R. D. Nelson		Puffin	1999	BLL*	Mathematics
The Perfect Shape: Spiral Stories	Ányvind Hammer		Springer	2017	BLL	Art Mathematics and Culture Mathematics for the General Reader
The Planiverse: Computer Contact with a Two-Dimensional World	A.K. Dewdney		Springer	2000	BLL**	Mathematics for the General Reader
The Politics of Mathematics Education	Stieg Mellin-Olsen		Springer Verlag	1987	BLL*	Mathematics Education Mathematics Education Research
The Polya Picture Album: Encounters of a Mathematician	Gerald L. Alexanderson		Birkhauser	1987	BLL	History of Mathematics
The Popularization of Mathematics	A. G. Howson and J. -P. Kahane		Cambridge University Press	1990	BLL*	Mathematics for the General Reader
The Power of Networks: Six Principles that Connect Our Lives	Christopher G. Brinton and Mung Chiang		Princeton University Press	2016	BLL	Computer Science Mathematics for the General Reader Networks
The Power of $\{q\}$: A Personal Journey	Michael D. Hirschhorn		Springer	2017	BLL	Algebraic Combinatorics Number Theory q-Analysis Special Functions
The Price of Altruism: George Price and the Search for the Origins of Kindness	Oren Harman		Norton	2010	BLL	Game Theory History of Science Mathematical Biology
The Princeton Companion to Applied Mathematics	Nicholas J. Higham, editor		Princeton University Press	2015	BLL**	Applied Mathematics Mathematics for the General Reader Surveys of Mathematics
The Princeton Companion to Mathematics	Timothy Gowers, editor		Princeton University Press	2008	BLL***	Biography History of Mathematics Mathematics Surveys of Mathematics
The Principia : Mathematical Principles of Natural Philosophy	Isaac Newton, translated by I. Bernard Cohen and Anne Whitman		University of California Press	1999	BLL*	Classic Works History of Mathematics Mathematical Physics
The Principia : Mathematical Principles of Natural Philosophy	Isaac Newton, translated by I. Bernard Cohen and Anne Whitman		University of California Press	1999	BLL*	Classic Works Classical Mechanics Mathematical Physics
The Principles of Inductive Logic	John Venn		American Mathematical Society/Chelsea	1973	BLL	Logic
The Problems of Mathematics	Ian Stewart		Oxford University Press	1992	BLL**	Mathematics for the General Reader
The Psychology of Learning Mathematics	Richard R. Skemp		Routledge	1987	BLL**	Mathematics Education Mathematics Education Research Psychology of Mathematics
The Quadratic Reciprocity Law: A Collection of Classical Proofs	Oswald Baumgart, edited and translated by Franz Lemmermeyer		Birkhauser	2015	BLL	Elementary Number Theory History of Mathematics Number Theory
The Qualitative Theory of Ordinary Differential Equations: An Introduction	Fred Brauer and John A. Nohel		Dover Publications	1989	BLL**	Differential Equations Ordinary Differential Equations
The Queen of Mathematics: A Historically Motivated Guide to Number Theory	Jay R. Goldman		A K Peter	1997	BLL*	Number Theory
The Real and the Complex: A History of Analysis in the 19th Century	Jeremy Gray		Springer	2015	BLL**	Complex Analysis History of Mathematics Real Analysis
The Real Numbers: An Introduction to Set Theory and Analysis	John Stillwell		Springer	2013	BLL	Real Analysis Set Theory Transition to Advanced Mathematics
The Real Projective Plane	H. S. M. Coxeter	3	Springer	1992	BLL*	Projective Geometry Geometry
The Rhind Mathematical Papyrus	Arnold Buffum Chace		National Council of Teacher of Mathematics	1979	BLL	History of Mathematics
The Rhind Mathematical Papyrus: An Ancient Egyptian Text	Gay Robins and Charles Shute		Dover Publications	1990	BLL*	History of Mathematics
The Riemann Hypothesis	Roland van der Veen and Jan van de Craats		MAA Press	2016	BLL	Analytic Number Theory Complex Analysis Experimental Mathematics Prime Numbers
The Rise of Statistical Thinking, 1820-1900	Theodore M. Porter		Princeton University Press	1988	BLL	History of Mathematics Probability Theory Statistics
The Role of Mathematics in Science	M. M. Schiffer and Leon Bowden		Mathematical Association of America	1984	BLL*	Surveys of Mathematics
The Role of Mathematics in the Rise of Science	Salomon Bochner		Princeton University Press	1979	BLL*	History of Mathematics
The Routledge International Handbook of Dyscalculia and Mathematical Learning Difficulties	Steve Chinn, editor		Routledge	2015	BLL	Mathematics Education Mathematics Education Research
The Rules of Algebra (Ars Magna)	Girolamo Cardano		Dover Publications	1968	BLL*	Algebra Classic Works History of Mathematics
The Schwarz Function and Its Applications	Philip J. Davis		Mathematical Association of America	1974	BLL	Complex Analysis
The Science of Fractal Images	Heinz-Otto Peitgen and Dietmar Saupe, editors		Springer	1988	BLL**	Fractals
The Science of Soap Films and Soap Bubbles	Cyril Isenberg		Dover Publications	1992	BLL*	Mathematical Physics Differential Geometry
The Scientific American Book of Mathematical Puzzles & Diversions	Martin Gardner	6	Simon and Schuster	1959	BLL*	Recreational Mathematics

The Scientific Legacy of Poincare	Â‰ric Charpentier, Â‰tienne Ghys, and Annick Lesne, editors		American Mathematical Society/London Mathematical Society	2010	BLL	Biography History of Mathematics
The Search for Certainty: A Journey Through the History of Mathematics from 1800-2000	Frank J. Swetz, editor		Dover Publications	2012	BLL**	History of Mathematics
The Second Scientific American Book of Mathematical Puzzles and Diversions	Martin Gardner		Simon & Schuster	1961	BLL*	Recreational Mathematics
The Shape of Inner Space: String Theory and the Geometry of the Universe's Hidden Dimensions	Shing-Tung Yau and Steve Nadis		Basic Books	2010	BLL	Algebraic Geometry Complex Manifolds Mathematical Physics Mathematics for the General Reader String Theory
The Shape of Space	Jeffrey R. Weeks	2	CRC/Chapman & Hall	2001	BLL**	Differential Geometry Geometric Topology Geometry Low-dimensional Topology
The Shaping of Arithmetic After C. F. Gauss's Disquisitiones Arithmeticae	Catherine Goldstein, Norbert Schappacher, and Joachim Schwermer, editors		Springer Verlag	2007	BLL*	History of Mathematics Number Theory
The Shaping of Deduction in Greek Mathematics: A Study in Cognitive History	Reviel Netz		Cambridge University Press	1999	BLL	History of Mathematics
The Signal and the Noise: Why So Many Predictions Fail: but Some Don't	Nate Silver		Penguin Books	2015	BLL	Mathematics for the General Reader Statistics Statistics and Public Policy
The Stability and Control to Discrete Processes	Joseph P. LaSalle		Springer	1986	BLL*	Control Theory
The Stable Marriage Problem: Structure and Algorithms	Dan Gusfield and Robert W. Irving		MIT Press	1989	BLL	Combinatorics
The Statistical Consultant in Action	D. J. Hand and B. S. Everitt, editors		Cambridge University Press	1987	BLL	Statistics
The Statistical Exorcist: Dispelling Statistics Anxiety	M. Hollander and F. Proschan		Chapman & Hall/CRC	1984	BLL	Statistics
The Structure of Rings	N. Jacobson		American Mathematical Society	1997	BLL*	Ring Theory
The Struggle for Existence	G. F. Gause		Dover Publications	2003	BLL*	Mathematical Biology Mathematical Modeling
The Tangled Origins of the Liebnizian Calculus: A Case Study of a Mathematical Revolution	Richard C. Brown		World Scientific	2012	BLL	History of Mathematics
The Teaching and History of Mathematics in the United States	Florian Cajori		Google Books	1890	BLL	Teaching Mathematics Mathematics Education Research History of Mathematics
The Theory and Practice of Conformal Geometry	Steven G. Krantz		Dover Publications	2016	BLL	Complex Manifolds Conformal Geometry
The Theory of Algebraic Numbers	Harry Pollard and Harold G. Diamond	3	Dover Publications	1998	BLL	Algebraic Number Theory
The Theory of Differential Equations: Classical and Qualitative	Walter G. Kelley and Allan C. Peterson	2	Springer	2010	BLL	Ordinary Differential Equations
The Theory of Equations: With an Introduction to the Theory of Binary Algebraic Forms	William Snow Burnside and Arthur William Panton		Dover Publications	2005	BLL	Abstract Algebra Algebra Classic Works Quadratic Forms Theory of Equations
The Theory of Error-Correcting Codes	F. J. MacWilliams and N. J. A. Sloane		North Holland	1988	BLL**	Coding Theory
The Theory of Gambling and Statistical Logic	Richard A. Epstein	2	Academic Press	2013	BLL	Combinatorial Games Decision Theory Logic Probability
The Theory of Groups	Marshall Hall, Jr.	3	American Mathematical Society/Chelsea	1999	BLL***	Group Theory
The Theory of Groups, Volume 1	Alexander G. Kurosh	2	American Mathematical Society/Chelsea	1955	BLL*	Group Theory
The Theory of Groups, Volume 2	Alexander G. Kurosh	2	American Mathematical Society/Chelsea	1956	BLL*	Group Theory
The Theory of Interest	Stephen G. Kellison	2	McGraw-Hill/Irwin	1991	BLL**	Finance
The Theory of Island Biogeography	Robert H. MacArthur and Edward O. Wilson		Princeton University Press	2001	BLL	Mathematical Biology Mathematical Modeling
The Theory of Island Biogeography	Robert H. MacArthur and Edward O. Wilson		Princeton University Press	2001	BLL	Mathematical Biology
The Theory of Linear Economic Models	David Gale		University Of Chicago Press	1989	BLL*	Linear Models Mathematical Economics
The Theory of Matrices, Volume 1	F. R. Gantmacher		American Mathematical Society/Chelsea	2000	BLL	Linear Algebra
The Theory of Matrices, Volume 2	F. R. Gantmacher		American Mathematical Society/Chelsea	2000	BLL	Linear Algebra
The Theory of Matrices: With Applications	Peter Lancaster and Miron Tismenetsky	2	Academic Press	1985	BLL**	Linear Algebra
The Theory of Partitions	George E. Andrews		Cambridge University Press	1998	BLL*	Additive Number Theory Combinatorics
The Theory of Probability and the Elements of Statistics	Boris Vladimirovich Gnedenko	5	Chelsea Publishing	1989	BLL*	Statistics Probability Theory Probability
The Theory of Rings	Neal Henry McCoy		Chelsea Publishing Company	1973	BLL	Applied Algebra Algebra
The Theory of Sex Allocation.	Eric L. Charnov		Princeton University Press	2001	BLL	Mathematical Biology Mathematical Modeling
The Theory of Sound, Volume One	J. W. S. Rayleigh		Dover Publications	2015	BLL*	Classic Works Mathematical Physics
The Theory of Sound, Volume Two	J. W. S. Rayleigh		Dover Publications	2015	BLL*	Classic Works Mathematical Physics
The Theory that Would Not Die	Sharon Bertsch McGrayne		Yale University Press	2011	BLL	History of Mathematics History of Statistics Mathematics for the General Reader
The Thirteen Books of Euclid's Elements, Books 1 and 2	Thomas L. Heath	2	Dover Publications	1956	BLL	Classic Works History of Mathematics
The Thirteen Books of Euclid's Elements, Books 10-13	Thomas L. Heath		Dover Publications	1956	BLL	Classic Works Geometry History of Mathematics
The Thirteen Books of Euclid's Elements, Books 3-9	Thomas L. Heath		Dover Publications	1956	BLL	Classic Works Geometry History of Mathematics
The Timing of Biological Clocks	Arthur T. Winfree		Scientific American Library	1987	BLL**	Science for the General Reader
The Tower of Hanoi - Myths and Maths	Andreas M. Hinz, Sandi KlavÂ‰ar, UroÂ‰ Milutinovic, and Ciril Petr		Birkhauser	2013	BLL	Combinatorial Games Combinatorics Recreational Mathematics
The Trisection Problem	Robert C. Yates		National Council for Teachers of Mathematics	1971	BLL	Geometry History of Mathematics
The Ultimate Challenge: The 3x+1 Problem	Jeffrey C. Lagarias, editor		American Mathematical Society	2010	BLL*	Number Theory Elementary Number Theory Dynamical Systems
The Undecidable: Basic Papers on Undecidable Propositions, Unsolvable Problems and Computable Functions	Martin Davis	1	Dover Publications	2004	BLL**	Philosophy of Mathematics Logic Foundations of Mathematics
The Universal Computer: The Road from Leibniz to Turing	Martin Davis		W. W. Norton	2000	BLL*	Computer Science History of Mathematics Logic
The Universe of Conics	Georg Glaeser, Hellmuth Stachel and Boris Odehnal		Springer Spektrum	2016	BLL	Euclidean Geometry Projective Geometry
The Unreal Life of Oscar Zariski	Carol Parikh		Springer	2009	BLL*	Biography History of Mathematics
The Van Hiele Model of Thinking in Geometry Among Adolescents	David Fuys, Dorothy Geddes and Rosamond Tischler		National Council of Teachers of Mathematics	1988	BLL	Mathematics Education Research
The Variational Principles of Mechanics	Cornelius Lanczos		Dover Publications	1986	BLL	Classical Mechanics Mathematical Physics
The Variational Principles of Mechanics	Cornelius Lanczos	4	Dover Publications	2013	BLL	Classical Mechanics
The VNR Concise Encyclopedia of Mathematics	W. Gellert, H. Kustner, M. Hellwich, and H. Kastner	2	Van Nostrand Reinhold Company	1977	BLL*	Mathematics
The Volterra Chronicles: The Life and Times of an Extraordinary Mathematician 1860-1940	Judith R. Goodstein		American Mathematical Society/London Mathematical Society	2007	BLL*	Biography History of Mathematics
The Ways Of Paradox and Other Essays	W. V. Quine		Harvard University Press	2005	BLL	Philosophy of Mathematics
The William Lowell Putnam Mathematical Competition: Problems and Solutions, 1965-1984	Gerald L. Alexanderson, Leonard F. Klosinski, and Loren C. Larson		Mathematical Association of America	2004	BLL**	Problems Putnam Level
The Woman Who Smashed Codes: A True Story of Love, Spies, and the Unlikely Heroine Who Outwitted America's Enemies	Jason Fagone		Dey Street Books	2017	BLL	Cryptography History of Mathematics Women in Mathematics
The Works of Archimedes	Thomas L. Heath, editor		Dover Publications	1902	BLL**	Classic Works History of Mathematics
The Works of Archimedes: Translation and Commentary, Volume 1: The Two Books <i>On the Sphere and the Cylinder</i>	Reviel Netz		Cambridge University Press	2004	BLL*	Classic Works History of Mathematics
The World of Maria Gaetana Agnesi, Mathematician of God	Massimo Mazzotti		Johns Hopkins University Press	2007	BLL	Biography History of Mathematics Women in Mathematics
The World of Mathematics, Vol. I	James R. Newman		Dover Publications	2000	BLL***	Surveys of Mathematics Mathematics for the General Reader
The World of Mathematics, Vol. II	James R. Newman		Dover Publications	2000	BLL***	Mathematics for the General Reader Surveys of Mathematics
The World of Mathematics, Vol. III	James R. Newman		Dover Publications	2000	BLL***	Surveys of Mathematics Mathematics for the General Reader
The World of Mathematics, Vol. IV	James R. Newman		Dover Publications	2000	BLL***	Mathematics for the General Reader Surveys of Mathematics
Theorems and Counterexamples in Mathematics	Bernard R. Gelbaum and John M. H. Olmsted		Springer Verlag	1993	BLL***	Real Analysis
Theorems and Problems in Functional Analysis	A. A. Kirillov and A. D. Gvishiani		Springer	1982	BLL	Analysis
Theoretical Ecology: Principles and Applications	Robert May and Angela McLean	3	Oxford University Press	2007	BLL*	Mathematical Biology Mathematical Modeling
Theoretical Elasticity	W. Zerna and A. E. Green	2	Dover Publications	2002	BLL	Continuum Mechanics Mathematical Physics Engineering Mathematics
Theoretical Hydrodynamics	L. M. Milne-Thomson	5	Dover Publications	1996	BLL*	Fluid Mechanics
Theoretical Numerical Analysis: A Functional Analysis Framework	Kendall Atkinson and Weimin Han	3	Springer	2009	BLL	Functional Analysis Numerical Analysis
Theoretical Population Genetics	J.S. Gale		Thomson Learning	2006	BLL*	Mathematical Modeling Mathematical Biology
Theoretical Studies on Sex Ratio Evolution	Samuel Karlin and Sabin Lessard		Princeton University Press	2001	BLL	Mathematical Biology Mathematical Modeling
Theories of Populations in Biological Communities	Freddy B Christiansen		Springer	1977	BLL*	Mathematical Biology
Theory and Application of Infinite Series	Konrad Knopp		Dover Publications	1990	BLL*	Advanced Calculus Calculus Infinite Series Real Analysis
Theory and Application of the Linear Model	Franklin A. Graybill		Duxbury Press	2000	BLL	Linear Models Regression Analysis Statistics
Theory of Algebraic Integers	Richard Dedekind		Cambridge University Press	2018	BLL*	Algebraic Number Theory Classic Works History of Mathematics
Theory of Analytical Functions: A Brief Course	A. I. Markushevich		MIR	1984	BLL	Analysis
Theory of Complex Functions	Reinhold Remmert		Springer Verlag	1998	BLL*	Complex Analysis
Theory of Convex Bodies	T. Bonnesen and W. Fenchel			1988	BLL**	Polytopes Polyhedra Geometry Convex Geometry
Theory of Elasticity	Stephen P. Timoshenko and J.N. Goodier	3	McGraw-Hill	1970	BLL*	Continuum Mechanics Mathematical Physics
Theory of Extremal Problems	A.D. Ioffe, V.M. Tihomirov, and K. Makowsky		Elsevier	1979	BLL	Operator Theory
Theory of Finite and Infinite Graphs	Denes Konig		Birkhauser	1990	BLL*	Combinatorics Graph Theory
Theory of Functionals and of Integral and Integro-Differential Equations	Vito Volterra		Dover Publications	2005	BLL	Differential Equations Functional Analysis Integral Equations
Theory of Functions	Edward C. Titchmarsh	2	Oxford University Press	1976	BLL**	Complex Analysis
Theory of Functions of a Complex Variable, Volume 2	C. Caratheodory		Chelsea Publishing	1960	BLL*	Complex Analysis
Theory of Functions, Parts I and II	Konrad Knopp		Dover Publications	1996	BLL	Complex Analysis
Theory of Games and Economic Behavior	John von Neumann and Oskar Morgenstern		Princeton University Press	2007	BLL***	Classic Works Game Theory Mathematical Economics
Theory of Games and Statistical Decisions	David A. Blackwell and M. A. Girshick		Dover Publications	1979	BLL	Decision Theory Game Theory Statistics
Theory of Groups of Finite Order	William Burnside		Cambridge University Press	2012	BLL	Classic Works Finite Groups Group Theory History of Mathematics
Theory of Interest and Life Contingencies with Pension Applications: A Problem Solving Approach	Michael M. Parmenter	3	ACTEX Publications	1999	BLL	Actuarial Science

Theory of Lie Groups	Claude Chevalley		Princeton University Press	1999	BLL**	Lie Groups
Theory of Linear and Integer Programming	Alexander Schrijver (Paperback - Jun 4, 1998)		John Wiley	1998	BLL*	Optimization
Theory of Linear Operations	Stefan Banach, translated by F. Jellet		Dover	2009	BLL**	Operator Theory History of Mathematics Functional Analysis Classic Works
Theory of Matrices	Sam Perlis		Dover Publications	1991	BLL	Linear Algebra
Theory of Microeconomics	Trout Rader		Academic Press	1972	BLL	Mathematical Economics
Theory of Ordinary Differential Equations	Earl A. Coddington and Norman Levinson		Robert E. Krieger	1984	BLL***	Ordinary Differential Equations
Theory of Plates and Shells	Stephen P. Timoshenko and Woinowsky Krieger	2	McGraw-Hill	1959	BLL	Engineering Mathematics
Theory of Point Estimation	E.L. Lehmann and George Casella	2	Springer Verlag	2003	BLL	Mathematical Statistics Statistics
Theory of Population Genetics and Evolutionary Ecology: An Introduction	Jonathan Roughgarden		Macmillan	1979	BLL*	Mathematical Biology
Theory of Probability: A Critical Introductory Treatment, Volume 1	Bruno De Finetti		John Wiley	1990	BLL**	Probability Theory
Theory of Probability: A Critical Introductory Treatment, Volume 2	Bruno De Finetti		John Wiley	1975	BLL**	Probability Theory
Theory of Recursive Functions and Effective Computability	Hartley Rogers, Jr.		MIT Press	1987	BLL***	Algorithms Theory of Computation Logic
Theory of Social Choice	Peter C. Fishburn		Princeton University Press	1973	BLL	Mathematical Social Science Social Choice Theory
Theory of Sound, 2 Volumes	J.W.S. Rayleigh		Dover Publications	1945	BLL*	Mathematical Physics Classic Works
Theory of Technical Change and Economic Invariance: Application of Lie Groups	Ryuzo Sato		Edward Elgar Publishing	1999	BLL	Mathematical Economics
Theory of Value: An Axiomatic Analysis of Economic Equilibrium	Gerard Debreu		Yale University Press	1972	BLL*	Mathematical Economics
TheTraveling Salesman Problem: A Guided Tour of Combinatorial Optimization	E. L. Lawler, Jan Karel Lenstra, A. H. G. Rinnooy Kan, and D. B. Shmoys		John Wiley	1991	BLL**	Optimization
They're Not Dumb, They're Different: Stalking the Second Tier	Sheila Tobias		Research Corporation	1990	BLL**	Mathematics Education
Think and Explain with Statistics	Lincoln E. Moses		Addison Wesley	1986	BLL*	Statistics
Thinking Mathematically	J. Mason, L. Burton, and K. Stacey		Addison Wesley	1982	BLL*	Mathematics Education
Thinking Mathematically	J. Mason, L. Burton, and K. Stacey	2	Prentice Hall	2010	BLL*	Transition to Advanced Mathematics Proofs and Logic
Thinking Through Mathematics: Fostering Inquiry and Communication in Mathematics Classrooms	Edward A. Silver, Jeremy Kilpatrick, and Beth Schlesinger	2	College Board	1990	BLL*	Mathematics Education
Thirty Years of Foundational Studies	A. Mostowski		Barnes & Noble	1966	BLL*	Philosophy of Mathematics Logic
Thirty-three Miniatures: Mathematical and Algorithmic Applications of Linear Algebra	Jiǎ"mi Matouǎjek		American Mathematical Society	2010	BLL	Mathematical Modeling Linear Algebra
Three Pearls of Number Theory	A. Y. Khinchin		Dover Publications	1998	BLL	Number Theory Elementary Number Theory Analytic Number Theory
Three Views of Logic: Mathematics, Philosophy, and Computer Science	Donald W. Loveland, Richard E. Hodel and S. G. Sterrett		Princeton University Press	2014	BLL	Logic Philosophy of Mathematics Philosophy of Science Theory of Computation
Thurston's Work on Surfaces	Albert Fathi, Francois Laudenbach, and Valentin Poenaru		Princeton University Press	2012	BLL	Differential Geometry Low-dimensional Topology Manifolds
Tilings and Patterns	Branko Grunbaum and G. C. Shephard	2	Dover Publications	2016	BLL***	Combinatorial Geometry Discrete Geometry
Time Lags in Biological Models	N. MacDonald		Springer	1979	BLL	Mathematical Biology
Time Series Analysis: Forecasting and Control	George E. P. Box, Gwilym M. Jenkins, and Gregory C. Reinsel	4	John Wiley	2008	BLL**	Statistics Time Series
Time Series: A Biostatistical Introduction			Oxford University Press	1990	BLL*	Biostatistics Time Series
Time Series: Theory and Methods	Peter J. Brockwell and Richard A. Davis	2	Springer Verlag	1998	BLL	Stochastic Processes
Time Travel and Other Mathematical Bewilderments	Martin Gardner		W.H. Freeman & Company	1987	BLL*	Recreational Mathematics
To Mock a Mockingbird	Raymond M. Smullyan		Oxford University Press	2000	BLL*	Mathematics for the General Reader Recreational Mathematics
Toeplitz Forms and Their Applications	Ulf Grenander and Gabor Szego	2	American Mathematical Society	2001	BLL	Analysis
Tomorrow's Math: Unsolved Problems for the Amateur	Stanley C. Ogilvy		Oxford University Press	1972	BLL**	Problems Elementary Mathematics
Tool and Object: A History and Philosophy of Category Theory	Ralf Kromer		Birkhauser	2007	BLL*	Category Theory History of Mathematics Philosophy of Mathematics
Tools of American Mathematics Teaching, 1800-2000	Peggy Aldrich Kidwell, Amy Ackenberg-Hastings, and David Lindsay Roberts		Johns Hopkins University Press	2008	BLL*	History of Mathematics Mathematics Education
Top Secret Rosies: The Female Computers of World War II	LeAnn Erickson		LeAnn Erickson	2010	BLL*	History of Mathematics Mathematics for the General Reader
Topics in Algebra	I. N. Herstein	2	John Wiley	1975	BLL***	Abstract Algebra Algebra
Topics in the Theory of Voting	P.D. Straffin		Birkhauser	1980	BLL**	Social Choice Theory
Topics in Topological Graph Theory	Lowell W. Beineke and Robin J. Wilson, editors		Cambridge University Press	2009	BLL	Graph Theory Low-dimensional Topology Manifolds
Topoi: The Categorical Analysis of Logic	Robert Goldblatt		Dover Publications	2006	BLL	Category Theory Logic Topos Theory
Topological Graph Theory	Jonathan L. Gross and Thomas W. Tucker		Dover Publications	2001	BLL*	Algebraic Topology Combinatorics Graph Theory Topology
Topological Methods in Euclidean Spaces	Gregory L. Naber		Dover Publications	2000	BLL	Algebraic Topology
Topological Transformation Groups	Deane Montgomery		Krieger Publishing Co	1974	BLL	Harmonic Analysis Analysis
Topological Vector Spaces	A. Grothendieck		Gordon & Breach	1973	BLL	Analysis
Topological Vector Spaces, Distributions and Kernels	Francois Trǎ"ves		Dover Publications	2006	BLL**	Distributions Functional Analysis Partial Differential Equations Topological Vector Spaces
Topology	James R. Munkres	2	Prentice Hall	2000	BLL***	Algebraic Topology General Topology Topology
Topology and Geometry for Physicists	Charles Nash and Siddhartha Sen		Dover Publications	2011	BLL	Topology General Topology Differential Geometry Algebraic Topology
Topology and Groupoids	Ronald Brown		BookSurge	2006	BLL	Category Theory General Topology Topology
Topology and Its Applications	William F. Basener		John Wiley	2006	BLL	Algebraic Topology Manifolds Topology
Topology from the Differentiable Viewpoint	John Milnor		Princeton University Press	1997	BLL**	Differential Topology Manifolds
Topology of Surfaces	Andre Gramain		B C S Associates	1984	BLL*	Topology Algebraic Topology
Toward a Formal Science of Economics	Bernt P. Stigum		The MIT Press	1990	BLL*	Mathematical Economics
Toward the Thinking Curriculum: Current Cognitive Research	Lauren B. Resnick and Leopold E. Klopfer		Association for Supervision & Curriculum Development	1989	BLL*	Mathematics Education
Traffic Science	Denos C. Gazis		John Wiley	1974	BLL**	Mathematical Modeling
Transcendental Numbers	M. Ram Murty and Purusottam Rath		Springer	2014	BLL	Analytic Number Theory Number Theory Transcendence Theory
Transformation Geometry: An Introduction to Symmetry	George Edward Martin		Springer Verlag	1997	BLL*	Group Theory Transformation Geometry
Transforming Children's Mathematics Education: International Perspectives	Leslie P. Steffe and Terry Wood		Lawrence Erlbaum	1990	BLL*	Mathematics Education
Transition to College Mathematics	Franklin D. Demana and Joan Leitzel		Addison-Wesley	1984	BLL**	Transition to Advanced Mathematics
Treatise on the Mathematical Theory of Elasticity	Augustus E. Love	4	Dover Publications	1927	BLL***	Continuum Mechanics Mathematical Physics
Treks into Intuitive Geometry	Jin Akiyama and Kiyoko Matsunaga		Springer	2016	BLL	Art Geometry Mathematics for the General Reader Polyhedra Polytopes
Trigonometric Delights	Eli Maor		Princeton University Press	1998	BLL	History of Mathematics Mathematics for the General Reader Trigonometry
Trigonometric Series	A. Zygmund	3	Cambridge University Press	2003	BLL***	Fourier Analysis
Turing's Revolution	Giovanni Sommaruga and Thomas Strahm, editors		Birkhauser	2016	BLL	History of Mathematics Theory of Computation
Turtle Geometry: The Computer as a Medium for Exploring Mathematics	Harold Abelson and Andrea diSessa		MIT Press	1986	BLL**	Algorithms Computational Geometry Geometry
Twelve Landmarks of Twentieth-Century Analysis	D. Choimet and H. Queffelec		Cambridge University Press	2016	BLL	Analysis Complex Analysis History of Mathematics Real Analysis
Twenty Lectures on Algorithmic Game Theory	Tim Roughgarden		Cambridge University Press	2017	BLL	Computer Science Game Theory Mathematical Modeling Networks
Twice as Less: Black English and the Performance of Black Students in Mathematics	Eleanor Wilson Orr		W. W. Norton & Company	1997	BLL*	Minorities Under-Represented in Mathematics Mathematics Education
Twistors in Mathematics and Physics	T. N. Bailey and R. J. Baston		Cambridge University Press	1990	BLL	Mathematical Physics Representation Theory
Two Year College Mathematics Readings	Warren Page, editor		Mathematical Association of America	1983	BLL***	Surveys of Mathematics Student Helps
Uncommon Mathematical Excursions: Polynomia and Related Realms	Dan Kalman		Mathematical Association of America	2009	BLL	Calculus Pre-Calculus Surveys of Mathematics Teaching Mathematics
Underachieving Curriculum: Assessing U.S. School Mathematics from an International Perspective	Curtis C. McKnight, F. Joe Crosswhite, and John A. Dossey		Stipes Publishing	1987	BLL**	Mathematics Education
Undergraduate Algebra	Serge Lang	3	Springer Verlag	2005	BLL	Abstract Algebra Algebra
Undergraduate Algebraic Geometry	Miles Reid		Cambridge University Press	1989	BLL**	Algebraic Geometry
Undergraduate Convexity: From Fourier and Motzkin to Kuhn and Tucker	Niels Lauritzen		World Scientific	2013	BLL	Convex Analysis Optimization
Understanding Analysis	Stephen Abbott	2	Springer	2015	BLL*	Real Analysis
Understanding and Using Linear Programming	J. Matouǎjek and B. Gǎrtner		Springer Verlag	2007	BLL	Linear Optimization Optimization
Understanding Data	Bonnie H. Erickson and T. A. Nosanchuk	2	University of Toronto Press	1992	BLL	Data Analysis Statistics
Understanding Infinity: The Mathematics of Infinite Processes	A. Gardiner		Dover Publications	2002	BLL	Calculus Real Analysis
Understanding Robust and Exploratory Data Analysis	David C. Hoaglin, Frederick Mosteller, and John W. Tukey		John Wiley	2000	BLL***	Data Analysis Statistics
Unified Mathematics, Volume I	Gerald R. Rising, William T. Bailey, David A. Blaeuer, Robert C. Frascatore, Virginia Partridge, editors		Mcdougal Littell/Houghton Mifflin	1990	BLL*	Mathematics Education Teaching Mathematics
Unified Mathematics, Volume II	Gerald R. Rising, William T. Bailey, David A. Blaeuer, Robert C. Frascatore, Virginia Partridge, editors		Mcdougal Littell/Houghton Mifflin	1990	BLL*	Mathematics Education Teaching Mathematics
Unified Mathematics, Volume III	Gerald R. Rising, William T. Bailey, David A. Blaeuer, Robert C. Frascatore, Virginia Partridge, editors		Houghton Mifflin Company	1985	BLL*	Mathematics Education Teaching Mathematics
Uniform Algebras	Theodore W. Gamelin	2	Amaerican Mathematical Society/Chelsea	1984	BLL	Functional Analysis
Unitary Representations and Harmonic Analysis: An Introduction	Mitsuo Sugiura		John Wiley	1976	BLL	Harmonic Analysis Analysis
Universal Algebra	Paul M. Cohn		Springer Verlag	1981	BLL*	Universal Algebra
Universal Algebra	G. Grǎtzer	2	Springer	2008	BLL*	Universal Algebra
University of Toronto Mathematics Competition (2001-2015)	Edward J. Barbeau		Springer	2016	BLL	Problem Solving Problems Problems Putnam Level

Unrolling Time: Christian Huygens and the Mathematization of Nature	Joella G. Yoder		Cambridge University Press	1989	BLL	Applied Mathematics History of Science
Unsolved Problems in Geometry	Hallard T. Croft, Kenneth J. Falconer, and Richard K. Guy		Springer	1994	BLL**	Problems Geometry
Unsolved Problems in Number Theory	Richard K. Guy	3	Springer Verlag	2004	BLL**	Number Theory Elementary Number Theory
Unsolved!: The History and Mystery of the World's Greatest Ciphers from Ancient Egypt to Online Secret Societies	Craig P. Bauer		Princeton University Press	2017	BLL	Cryptography History of Mathematics Mathematics for the General Reader
Using R for Introductory Statistics	John Verzani		Chapman & Hall/CRC	2005	BLL	Statistical Software Statistics
Using R for Introductory Statistics	John Verzani	2	Chapman & Hall/CRC	2014	BLL	Statistical Software Statistics
Using Writing to Teach Mathematics	Andrew Sterrett, editor		Mathematical Association of America	1990	BLL	Mathematics Education Teaching Mathematics
Variational Calculus With Elementary Convexity	John Troutman			1983	BLL*	Convex Analysis Calculus of Variations
Variational Methods for Eigenvalue Problems : An Introduction to the Methods of Rayleigh, Ritz, Weinstein, and Aronszajn	S. H. Gould		Dover Publications	1995	BLL*	Calculus of Variations Partial Differential Equations
Varieties of Constructive Mathematics	Douglas Bridges and Fred Richman		Cambridge University Press	1987	BLL*	Logic
Varieties of Integration	C. Ray Rosentrater		MAA Press	2015	BLL*	Integration Real Analysis
Vector and Tensor Analysis with Applications	A. I. Borisenko and I. E. Tarapov		Dover Publications	1979	BLL	Mathematical Physics Tensor Analysis
Vector and Tensor Methods	Frank Chorlton		Halsted Press	1976	BLL	Linear Algebra Mathematical Physics Vector Calculus
Vector Calculus	Jerrold E. Marsden and Anthony Tromba	5	W. H. Freeman	2003	BLL*	Advanced Calculus Calculus Multivariable Calculus Vector Calculus
Vector Calculus	Jerrold E. Marsden and Anthony Tromba	6	W. H. Freeman	2012	BLL	Vector Calculus
Vectors, Pure and Applied: A General Introduction to Linear Algebra	T. W. Korner		Cambridge University Press	2013	BLL	Linear Algebra
Viewpoints: Mathematical Perspective and Fractal Geometry in Art	Marc Frantz and Annalisa Crannell		Princeton University Press	2011	BLL*	Liberal Arts Mathematics Fractals Art
Visions of Infinity	Ian Stewart		Basic Books	2013	BLL	Mathematics for the General Reader
Visual Complex Analysis	Tristan Needham		Oxford University Press	2009	BLL**	Complex Analysis Visualization
Visual Complex Functions: An Introduction with Phase Portraits	Elias Wegert		Birkhauser	2013	BLL	Complex Analysis Visualization
Visualization in Teaching and Learning Mathematics	Walter Zimmerman and Steve Cunningham		Mathematical Association of America	1991	BLL*	Mathematics Education
Visualizing Mathematics with 3D Printing	Henry Segerman		Johns Hopkins University Press	2016	BLL*	Geometry Low-dimensional Topology Mathematical Programming Mathematical Software Mathematics for the General Reader Symmetry Visualization
Vito Volterra	Angelo Guerraggio and Giovanni Paoloni		Springer	2013	BLL	Biography History of Mathematics
Vocational-Technical Mathematics	Robert Donald Smith	2	Delmar Publishing	1991	BLL*	Elementary Mathematics Industrial Mathematics
W. T. Tutte	Graph Theory As I Have Known It		Oxford University Press	1998	BLL*	Graph Theory Combinatorics
Was Pythagoras Chinese? An Examination of Right Triangle Theory in Ancient China	Frank J. Swetz and T. I. Kao		Pennsylvania State University Press	1977	BLL*	History of Mathematics
Water Waves: The Mathematical Theory with Applications	J. J. Stoker		John Wiley	1992	BLL*	Fluid Mechanics
Wavelets Made Easy	Yves Nievergelt		Birkhauser	2013	BLL	Fourier Analysis Harmonic Analysis Wavelets
Waves in Fluids	James Lighthill	2	Cambridge University Press	2002	BLL**	Fluid Mechanics Mathematical Physics Partial Differential Equations
Weapons of Math Destruction	Cathy O'Neil		Crown	2016	BLL	Data Analysis Mathematics and Politics Mathematics and Society Mathematics for the General Reader Statistics
Weighing Evidence in Language and Literature: A Statistical Approach	Barron Brainerd		University of Toronto Press	1975	BLL*	Applied Statistics
What Is Calculus About?	W. W. Sawyer		Mathematical Association of America	1961	BLL**	Real Analysis Calculus
What is Calculus? From Simple Algebra to Deep Analysis	R. Michael Range		World Scientific	2016	BLL	Calculus Single Variable Calculus
What is Mathematical Logic?	J. N. Crossley, C. J. Ash, C. J. Brickhill, J. C. Stillwell, and N. H. Williams		Dover Publications	1990	BLL	Logic
What Is Mathematics? An Elementary Approach to Ideas and Methods	Richard Courant, Herbert Robbins, and Ian Stewart	2	Oxford University Press	1996	BLL***	Mathematics for the General Reader Surveys of Mathematics
What's Happening in the Mathematical Sciences 1998-1999, Vol. 4	Barry Cipra		American Mathematical Society	1998	BLL	Mathematics for the General Reader Surveys of Mathematics
What's Happening in the Mathematical Sciences 9	Dana Mackenzie		American Mathematical Society	2013	BLL	Mathematics for the General Reader
What's Happening in the Mathematical Sciences, Volume 10	Dana Mackenzie and Barry Cipra		American Mathematical Society	2016	BLL	Mathematics for the General Reader
What's Happening in the Mathematical Sciences, Volume 5	Barry Cipra		American Mathematical Society	2002	BLL	Mathematics Mathematics for Scientists Mathematics for the General Reader Surveys of Mathematics
Wheels, Life, and Other Mathematical Amusements	Martin Gardner		W.H. Freeman & Company	1985	BLL*	Recreational Mathematics
When Less in More: Visualizing Basic Inequalities	Claudi Alsina and Roger B. Nelsen		Mathematical Association of America	2009	BLL	Euclidean Geometry Inequalities Visualization
When Life is Linear: From Computer Graphics to Bracketology	Tim Chartier		Mathematical Association of America	2015	BLL	Linear Algebra
Who Gave You the Epsilon? And Other Tales of Mathematical History	Marlow Anderson, Victor Katz, and Robin Wilson, editors		Mathematical Association of America	2009	BLL**	History of Mathematics
Who's #1?: The Science of Rating and Ranking	Amy N. Langville and Carl D. Meyer		Princeton University Press	2012	BLL	Algorithms Mathematics for the General Reader Social Choice Theory
Whom the Gods Love: The Story of Evariste Galois	Leopold Infeld		National Council of Teacher of Mathematics	1978	BLL	Biography History of Mathematics
Why Prove it Again?	John W. Dawson, Jr.		Birkhauser	2015	BLL*	Logic Philosophy of Mathematics
William Fogg Osgood at Harvard: Agent of a Transformation of Mathematics in the United States	Diann R. Porter		Docent Press	2014	BLL	Biography History of Mathematics
Winding Around: The Winding Number in Topology, Geometry, and Analysis	John Roe		American Mathematical Society	2015	BLL*	Algebraic Topology Complex Analysis Differential Geometry
Winning Ways for Your Mathematical Plays, volume 1	Elwyn R. Berlekamp, John Horton Conway, and Richard K. Guy	2	A K Peters	2001	BLL***	Combinatorial Games Recreational Mathematics
Winning Ways for Your Mathematical Plays, volume 2	Elwyn R. Berlekamp, John Horton Conway and Richard K. Guy	2	A K Peters	2003	BLL***	Recreational Mathematics Combinatorial Games
Winning Ways for Your Mathematical Plays, volume 3	Elwyn R. Berlekamp, John Horton Conway and Richard K. Guy	2	A K Peters	2003	BLL***	Recreational Mathematics Combinatorial Games
Winning Women in Mathematics	P. Kenschaft and S. Keith, editors		Mathematical Association of America	1991	BLL*	Women in Mathematics Mathematics Education
Women in Mathematics	Lynn M. Osen		MIT Press	1975	BLL*	Women in Mathematics
Women In Mathematics: The Addition of Difference	Claudia Henrion		Indiana University Press	1997	BLL	Biography History of Mathematics Women in Mathematics
Women in Science	H. J. Mozans		University of Notre Dame Press	1991	BLL*	Women in Mathematics Mathematics Education
Worlds Out of Nothing: A Course in the History of Geometry in the 19th Century	Jeremy Gray		Springer Verlag	2007	BLL**	Geometry History of Mathematics Non-Euclidean Geometry Projective Geometry
Your Move: Logic, Math and Word Puzzles for Enthusiasts	David L. Silverman		Dover Publications	1991	BLL*	Mathematics for the General Reader Problems Recreational Mathematics
Zermelo's Axiom of Choice: Its Origins, Development and Influence	Gregory H. Moore		Dover Publications	2013	BLL*	History of Mathematics Philosophy of Mathematics Set Theory
(e): The Story of a Number	Eli Maor		Princeton University Press	2016	BLL*	History of Mathematics Mathematics for the General Reader
(\varphi), (\pi), (e) & (i)	David Perkins		MAA Press	2017	BLL	History of Mathematics Mathematics for the General Reader