

## Mathematics

Title	Author	Call Number
Euler and modern science / edited by N.N. Bogolyubov, G.K. Michail Lov, and A.P. Yushkevich ; translated from Russian by Robert Burns.		510.92 Eu53du4
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Best of Wilmott Volume 2 / edited by Paul Wilmott.		HG6024.A3 B517 2006
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Emergence of a scientific culture : science and the shaping of modernity 1210-1685 / Stephen Gaukroger.	Gaukroger, Stephen.	Q124.97 .G38 2006
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Scientists, business, and the state, 1890-1960 / Patrick J. McGrath.	McGrath, Patrick J. (Patrick Joseph), 1961-	Q127.U5 M37 2002
Removing barriers : women in academic science, technology, engineering, and mathematics / edited by Jill M. Bystydzienski and Sharon R. Bird.		Q130 .R46 2006
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Best of all possible worlds : mathematics and destiny / Ivar Ekeland.	Ekeland, I. (Ivar), 1944-	Q172 .E36 2006
Nonlinear universe : chaos, emergence, life / Alwyn C. Scott.	Scott, Alwyn, 1931-	Q172.5.C45 S36 2007
Two's company, three is complexity : a simple guide to the science of all sciences / Neil F. Johnson.	Johnson, Neil F., 1961-	Q175.32.C65 J64 2007
Science for sale : the perils, rewards, and delusions of campus capitalism / Daniel S. Greenberg.	Greenberg, Daniel S., 1931-	Q180.55.F5 G74 2007
Scientific literature : a guided tour / edited with commentaries by Joseph E. Harmon and Alan G. Gross.		Q225.5 .S35 2007
Sins against science : the scientific media hoaxes of Poe, Twain, and others / Lynda Walsh.	Walsh, Lynda, 1971-	Q225.5 .W35 2006
Symmetry studies : an introduction to the analysis of structured data in applications / Marlos A.G. Viana.	Viana, Marlos A. G.	QA174.7.S96 V53 2008
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Principles of statistical inference / D.R. Cox.	Cox, D. R. (David Roxbee)	QA276 .C669 2006
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Structural equation modeling : a Bayesian approach / Sik-Yum Lee.	Lee, Sik-Yum.	QA278.3 .L44 2007
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Biography of Maria Gaetana Agnesi, an eighteenth-century woman mathematician : with translations of some of her work from Italian into English / Antonella Cupillari ; with a foreword by Patricia R. Allaire.	Cupillari, Antonella.	QA29.A28 C87 2007
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Real analysis : a constructive approach / Mark Bridger.	Bridger, Mark, 1942-	QA300 .B689 2007
Modern methods in the calculus of variations : Lp spaces / Irene Fonseca, Giovanni Leoni.	Fonseca, Irene.	QA316 .F66 2007
Functional analysis / Dzung Minh Ha.	Ha, Dzung Minh.	QA320 .H23 2006
Teichmueller theory and applications to geometry, topology, and dynamics / John Hamal Hubbard ; with contributions by Adrien Douady ... [et al.].		QA337 .T45 2006
Advanced vector analysis for scientists and engineers / by M. Rahman.	Rahman, M. (Matiur), 1940-	QA433 .R239 2007

Topology now! / by Robert Messer and Philip Straffin.	Messer, Robert.	QA611 .M47 2006
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Cryptology unlocked / Reinhard Wobst ; translated by Angelika Shafir.	Wobst, Reinhard.	QA76.9.A25 W62 2007
Einstein on politics : his private thoughts and public stands on nationalism, Zionism, war, peace, and the bomb / edited by David E. Rowe and Robert Schulmann.		QC16.E5 E5157 2007
Memoirs : a twentieth-century journey in science and politics / Edward Teller, with Judith L. Shoolery.	Teller, Edward, 1908-2003.	QC16.T37 M55 2001
Quantitative analysis of movement : measuring and modeling population redistribution in animals and plants / Peter Turchin.	Turchin, Peter, 1957-	QH541.15.S62 T87 1998
Modeling infectious diseases in humans and animals / Matt J. Keeling and Pejman Rohani.	Keeling, Matthew James.	RA643 .K43 2008
Stochastic discrete event systems : modeling, evaluation, applications / Armin Zimmermann.	Zimmermann, Armin.	T57.6 .Z5485 2008
Useless arithmetic : why environmental scientists can't predict the future / Orrin H. Pilkey & Linda Pilkey-Jarvis.	Pilkey, Orrin H., 1934-	TD171.8 .P55 2007
Boston's Back Bay : the story of America's greatest nineteenth-century landfill project / William A. Newman and Wilfred E. Holton.	Newman, William A.	TD795.7 .N545 2006
Fly me to the moon : an insider's guide to the new science of space travel / Edward Belbruno.	Belbruno, Edward, 1951-	TL1075 .B45 2007
Desk reference of statistical quality methods / Mark L. Crossley.	Crossley, Mark L.	TS156 .C79 2008
Women in science : career processes and outcomes / Yu Xie, Kimberlee A. Shauman.	Xie, Yu, 1959-	
Preserving the living past : John C. Merriam's legacy in the state and national parks / Stephen R. Mark.	Mark, Stephen R.	
Traveling salesman problem : a computational study / David L. Applegate ... [et al.].		
Sneaking a look at God's cards : unraveling the mysteries of quantum mechanics / Gian Carlo Ghirardi ; translated from the Italian by Gerald Malsbary.	Ghirardi, G. C.	
Random curves : journeys of a mathematician / Neal Koblitz.	Koblitz, Neal, 1948-	
Women and minorities in science, technology, engineering, and mathematics : upping the numbers / edited by Ronald J. Burke, Mary C. Mattis.		
Technology matters : questions to live with / David E. Nye.	Nye, David E., 1946-	
Gecko's foot : bio-inspiration : engineering new materials from nature / Peter Forbes.	Forbes, Peter, 1947-	
Is mathematics inevitable? : a miscellany / edited by Underwood Dudley.		
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Ladies in the laboratory II : West European women in science, 1800-1900 : a survey of their contributions to research / Mary R.S. Creese, with contributions by Thomas M. Creese.	Creese, Mary R. S., 1935-	
George Beadle, an uncommon farmer : the emergence of genetics in the 20th century / Paul Berg, Maxine Singer.	Berg, Paul, 1926-	
Dialogue of civilizations in the birth of modern science / Arun Bala.	Bala, Arun.	
Chases and escapes : the mathematics of pursuit and evasion / Paul J. Nahin.	Nahin, Paul J.	
Generalized linear models for insurance data / Piet de Jong, Gillian Z. Heller.	Jong, Piet de.	
Einstein for the 21st century : his legacy in science, art, and modern culture / Peter L. Galison, Gerald Holton, and Silvan S. Schweber, editors.		
Geometry of an art : the history of the mathematical theory of perspective from Alberti to Monge / Kirsti Andersen.	Andersen, Kirsti.	

Sacred mathematics : Japanese temple geometry / Fukagawa Hidetoshi, Tony Rothman.	Fukagawa, Hidetoshi, 1943-	
How mathematicians think : using ambiguity, contradiction, and paradox to create mathematics / William Byers.	Byers, William, 1943-	BF456.N7 B94 2007
Actuaries' survival guide : how to succeed in one of the most desirable professions / Fred E. Szabo.	Szabo, Fred.	HG8781 .S93 2004
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Mathematics in service to the community : concepts and models for service-learning in the mathematical sciences / edited by Charles R. Hadlock.		QA13 .M356 2005
History of mathematics education during the twentieth century / Angela Lynn Evans Walmsley.	Walmsley, Angela Lynn Evans.	QA13 .W35 2007
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Walk through combinatorics : an introduction to enumeration and graph theory / MikloL s BoL na.	BoL na, MikloL s.	QA164 .B66 2006
Musimathics : the mathematical foundations of music / Gareth Loy.	Loy, D. Gareth.	QA19.M87 L69 2006
Calculus gems : brief lives and memorable mathematics / George F. Simmons : with portraits by Maceo Mitchell.	Simmons, George Finlay, 1925-	QA21 .S54 2007
Classics in the history of Greek mathematics / edited by Jean Christianidis.		QA22 .C596 2004
Benjamin Franklin's numbers : an unsung mathematical odyssey / Paul C. Pasles.	Pasles, Paul C., 1968-	QA24 .P37 2008
104 number theory problems : from the training of the USA IMO team / Titu Andreescu, Dorin Andrica, Zuming Feng.	Andreescu, Titu, 1956-	QA241 .A4975 2007
Number story : from counting to cryptography / Peter M. Higgins.	Higgins, Peter M., 1956-	QA241 .H48 2008
Number theory through inquiry / David C. Marshall, Edward Odell, Michael Starbird.	Marshall, David C.	QA241 .M387 2007
Fabulous) Fibonacci numbers / Alfred S. Posamentier, Ingmar Lehmann ; afterword by Herbert A. Hauptman.	Posamentier, Alfred S.	QA241 .P665 2007
Non-unique factorizations : algebraic, combinatorial and analytic theory / Alfred Geroldinger, Franz Halter-Koch.	Geroldinger, Alfred.	QA247 .G47 2006
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World of Maria Gaetana Agnesi, mathematician of God / Massimo Mazzotti.	Mazzotti, Massimo.	QA29.A28 M39 2007
Hypatia of Alexandria : mathematician and martyr / Michael A.B. Deakin.	Deakin, Michael A. B., 1939-	QA29.H88 D43 2007
Rational iteration : complex analytic dynamical systems / Norbert Steinmetz.	Steinmetz, Norbert, 1949-	QA297.8 .S74 1993
Solving mathematical problems : a personal perspective / Terence Tao.	Tao, Terence, 1975-	QA300 .T326 2006
Approximate calculus / Shahriar Shahriari.	Shahriari, Shahriar.	QA301 .S49 2006
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Fibonacci's De practica geometrie / edited by Barnabas Hughes.	Fibonacci, Leonardo, ca. 1170-ca. 1240.	QA32 .F4613 2008
Hyperbolic functions / V.G. Sjervatov. Configurations theorems / B.I. Argunov and L.A. Skornyakov. Equivalent and equidecomposable figures / V.G. Boltyanskii.	Shervatov, V. G.	QA342 .S47813 2007
Mathematics for the nonmathematician / Morris Kline.	Kline, Morris, 1908-1992.	QA37.2 .K6 1985

Mathematical omnibus : thirty lectures on classic mathematics / Dmitry Fuchs, Serge Tabachnikov.	Fuks, D. B.	QA37.3 .F83 2007
Principles of mathematical modeling.	Dym, Clive L.	QA401 .D9 2004
PoincareL 's prize : the hundred-year quest to solve one of math's greatest puzzles / George G. Szpiro.	Szpiro, George, 1950-	QA43 .S985 2007
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Smoot's ear : the measure of humanity / Robert Tavernor.	Tavernor, Robert.	QA465 .T38 2007
Measure of all things : the story of man and measurement / Ian Whitelaw.	Whitelaw, Ian, 1953-	QA465 .W45 2007
Cube : a window to convex and discrete geometry / Chuanming Zong.	Zong, Chuanming.	QA639.5 .Z64 2006
Differential geometry and its applications / John Oprea.	Oprea, John.	QA641 .O67 2007
Applied cryptanalysis : breaking ciphers in the real world / Mark Stamp, Richard M. Low.	Stamp, Mark.	QA76.9.A25 S687 2007
Mathematician's brain / David Ruelle.	Ruelle, David.	QA8.4 .R84 2007
To infinity and beyond : a cultural history of the infinite / Eli Maor.	Maor, Eli.	QA9 .M316 1991
Mathematics and common sense : a case of creative tension / Philip J. Davis.	Davis, Philip J., 1923-	QA9.2 .D38 2006
Nuts and bolts of proofs / Antonella Cupillari.	Cupillari, Antonella.	QA9.54 .C86 2005
Nets, puzzles, and postmen / Peter M. Higgins.	Higgins, Peter M., 1956-	QA95 .H54 2007
Nonplussed! : mathematical proof of implausible ideas / Julian Havil.	Havil, Julian, 1952-	QA99 .H38 2007
Certain ambiguity : a mathematical novel / Gaurav Suri, Hartosh Singh Bal.	Suri, Gaurav, 1966-	QA99 .S87 2007
Power analysis for experimental research : a practical guide for the biological, medical, and social sciences / R. Barker Bausell, Yu-Fang Li.	Bausell, R. Barker, 1942-	R853.S7 B375 2002
Basic concepts in statistics and epidemiology / Theodore H. MacDonald ; foreword by Allyson Pollock.	MacDonald, Theodore H. (Theodore Harney), 1933-	RA409 .M33 2007
Story of measurement / Andrew Robinson.	Robinson, Andrew, 1957-	T50 .R58 2007
Operations research and management science handbook / edited by A. Ravi Ravindran.		T57.6 .O6446 2008
Design and analysis of simulation experiments / Jack P.C. Kleijnen.	Kleijnen, Jack P. C.	T57.62 .K54 2008
Graph theory : a problem oriented approach / Daniel A. Marcus.	Marcus, Daniel A., 1945-	
First course in topology : continuity and dimension / John McCleary.	McCleary, John, 1952-	
Fermat's last theorem / Simon Singh.	Singh, Simon.	
Hidden harmony : the connected worlds of physics and art / J.R. Leibowitz.	Leibowitz, J. R. (Jack R.), 1929-	
Getting started with English language learners : how educators can meet the challenge / Judie Haynes.	Haynes, Judie.	
Probability and random processes / Venkatarama Krishnan.	Krishnan, Venkatarama, 1929-	
Modern experimental design / Thomas P. Ryan.	Ryan, Thomas P., 1945-	
James Joseph Sylvester : Jewish mathematician in a Victorian world / Karen Hunger Parshall.	Parshall, Karen Hunger, 1955-	
How mathematics happened : the first 50,000 years / Peter S. Rudman.	Rudman, Peter Strom.	
Computing the continuous discretely : integer-point enumeration in polyhedra / Matthias Beck, Sinai Robins.	Beck, Matthias.	