



NEW BOOKS IN MATHEMATICS – AUGUST 2007



Title	Author/ Editor	Year published	Call Number	Location
Algebraic number theory	Fröhlich, A.	1991	511.6 FRO	Maths Library
The analysis of time series : an introduction	Chatfield, Christopher.	2004	519.246.8 CHA (RES)	Maths Library
Applied econometric time series	Enders, Walter.	2004	519.86 END (RES)	Maths Library
Aspects of multivariate statistical theory	Muirhead, Robb J.	2005	519.237 MUI	Maths Library
Basic algebra : groups, rings, and fields	Cohn, P. M.	2002	512.5 COH (RES)	Maths Library
Categorical data analysis	Agresti, Alan.	2002	519.237.8 AGR	Maths Library
Chaos and fractals : new frontiers of science	Peitgen, Heinz-Otto., Jürgens, Hartmut., Saupe, Dietmar.	2004	514 PEI (RES)	Maths Library
Chaos in dynamical systems	Ott, Edward.	2002	517.93 OTT (RES)	Maths Library
Classical electrodynamics	Jackson, John David.	1999	537.8 JAC (RES)	Maths Library
Complex variables : introduction and applications	Ablowitz, Mark J., Fokas, A. S.	2004	517.53 ABL	Maths Library
A concise introduction to the theory of integration	Stroock, Daniel W.	1999	517.518.22 STR (RES)	Maths Library
Counting processes and survival analysis	Fleming, Thomas R., Harrington, David P.	2005	519.216.8 FLE	Maths Library
Elementary number theory	Burton, David M.	2007	511 BUR (RES)	Maths Library
Elliptic regularization and partial regularity for motion by mean curvature	Ilmanen, Tom.	1994	517.518.1 ILM	Maths Library
Engineering mathematics	Stroud, K. A., Booth, Dexter J.	2007	51.74 STR	Maths Library
The Feynman lectures on physics	Feynman, Richard Phillips., Leighton, Robert B., Sands, Matthew.	2006	53 FEY	Maths Library
Fibonacci's Liber abaci : a translation into modern English of Leonardo Pisano's book of calculation	Fibonacci, Leonardo., Sigler, Laurence Edward.	2003	93.51 FIB	Maths Library
Further algebra and applications	Cohn, P. M.	2003	512.5 COH (RES)	Maths Library
Galois theory	Stewart, Ian.	2003	512.623 STE (RES)	Maths Library
Geometry of sporadic groups. Vol.2, Representation and amalgams	Ivanov, A. A., Shpectorov, Sergei V.	2002	512.54 IVA (RES)	Maths Library
Guide to LATEX	Kopka, Helmut., Daly, Patrick W.	2004	519.68 KOP (RES)	Maths Library
A guide to MATLAB : for beginners and experienced users	Hunt, Brian R., Lipsman, Ronald L., Rosenberg, J.	2006	519.68 HUN (RES)	Maths Library
The higher arithmetic : an introduction to the theory of numbers	Davenport, H.	1999	511 DAV	Maths Library
Hydrodynamic Stability	Drazin, P. G., Reid, W. H.	2004	532.5 DRA	Maths Library

Check the [library catalogue](#) to see if it is on the shelf, if the book is on loan or in processing you can place a hold on it.

An introduction to categorical data analysis	Agresti, Alan.	2007	519.237 AGR	Maths Library
An introduction to chaotic dynamical systems	Devaney, Robert L.	2003	517.93 DEV (RES)	Maths Library
An introduction to continuous-time stochastic processes : theory, models, and applications to finance, biology, and medicine	Capasso, Vincenzo., Bakstein, David.	2005	519.216 CAP	Maths Library
An introduction to numerical analysis	Atkinson, Kendall E.	1989	519.6 ATK	Maths Library
Introduction to stochastic processes	Lawler, Gregory F.	2006	519.216 LAW (RES)	Maths Library
Knots and surfaces	Gilbert, N. D., Porter, T.	1994	515.162.2 GIL	Maths Library
Large deviations techniques and applications	Dembo, Amir., Zeitouni, Ofer.	1998	519.214.8 DEM (RES)	Maths Library
Mathematical biology. I, An introduction	Murray, J. D.	2001	51.76 MUR	Maths Library
Mathematical methods in the physical sciences	Boas, Mary L.	2003	51.73 BOA	Maths Library
Mathematics of financial markets	Elliott, Robert J., Kopp, P. E.	2005	519.86 ELL	Maths Library
Microeconomic theory	Mas-Colell, Andreu., Whinston, Michael Dennis., Green, Jerry R.	1995	519.862 MAS	Maths Library
Mining graph data	Cook, Diane J., Holder, Lawrence B.	2007	519.25 MIN	Maths Library
Mobile DNA II	Craig, Nancy L., Berg, Douglas E.	2002	577.2 MOB	Maths Library
Newtonian dynamics	Baierlein, Ralph.	1983	531.3 BAI	Maths Library
Nonlinear dynamics and chaos : with applications to physics, biology, chemistry, and engineering	Strogatz, Steven H.	2000	517.93 STR	Maths Library
Norbert Wiener : 1894-1964	Masani, Pesi Rustom.	1990	92 WIE	Maths Library
Numerical analysis	Burden, Richard L., Faires, J. Douglas.	2005	519.6 BUR (RES)	Maths Library
Numerical analysis : mathematics of scientific computing	Kincaid, David., Cheney, E. W.	2002	519.6 KIN (RES)	Maths Library
Numerical methods that work	Acton, Forman S.	1990	519.6 ACT (RES)	Maths Library
Orbital motion	Roy, A. E.	2005	523.4 ROY (RES)	Maths Library
Partial differential equations : analytical solution techniques	Kevorkian, J.	2000	517.95 KEV (RES)	Maths Library
The physics of golf	Jorgensen, Theodore P.	1999	531.5 JOR (RES)	Maths Library
Probability : theory and examples	Durrett, Richard	2005	519.21 DUR (RES)	Maths Library
Probability and statistics for engineering and the sciences	Devore, Jay L.	2008	519.23 DEV (RES)	Maths Library
Quantum electrodynamics	Greiner, Walter., Reinhardt, J., Bromley, D. Allan.	2003	537.8 GRE (RES)	Maths Library
Real and complex analysis	Rudin, Walter.	1987	517.13 RUD (RES)	Maths Library
Representations and characters of groups	James, Gordon., Liebeck, M. W.	2001	512.542 JAM	Maths Library
Riemannian geometry : a modern introduction	Chavel, Isaac.	2006	514.764.2 CHA (RES)	Maths Library

Check the [library catalogue](#) to see if it is on the shelf, if the book is on loan or in processing you can place a hold on it.

Schaum's outline of theory and problems of advanced calculus	Wrede, Robert C., Spiegel, Murray R.	2002	517.1 WRE	Maths Library
A short course in general relativity	Foster, James., Nightingale, J. David.	2006	530.12 FOS	Maths Library
Stability of time-delay systems	Gu, Keqin., Kharitonov, Vladimir., Chen, Jie.	2003	519.71 GU	Maths Library
Statistics : a guide to the unknown	Peck, Roxy.	2006	519.2 STA (RES)	Maths Library
Stochastic finance : an introduction in discrete time	Föllmer, Hans., Schied, Alexander.	2004	519.86 FOL	Maths Library
A survey of knot theory	Kawauchi, Akio.	1996	515.162.8 KAW	Maths Library
Testing statistical hypotheses	Lehmann, E. L., Romano, Joseph P.	2005	519.233.3 LEH	Maths Library
Theory of complex functions	Remmert, Reinhold.	1990	517.53 REM	Maths Library
Time series analysis and its applications : with R examples	Shumway, Robert H., Stoffer, David S.	2006	519.246.8 SHU	Maths Library
Understanding DNA : the molecule & how it works	Calladine, C. R.	2004	577.2 UND	Maths Library
Elements of combinatorial and differential topology	Prasolov, V. V.	2006	515.1 PRA	Central Library Level 2 Physical Sciences & Engineering book collection
Geometry I	Berger, Marcel.	1987	514 BER	Central Library Level 2 Physical Sciences & Engineering book collection
Graduate algebra : commutative view	Rowen, Louis Halle.	2006	512.9 ROW	Central Library Level 2 Physical Sciences & Engineering book collection
Introducing game theory and its applications	Mendelson, Elliott.	2004	519.283 MEN	Central Library Level 2 Physical Sciences & Engineering book collection
Introduction to calculus and classical analysis	Hijab, Omar.	2007	517.53 HIJ	Central Library Level 2 Physical Sciences & Engineering book collection
Mathematical apocrypha redux : more stories and anecdotes of mathematicians and the mathematical	Krantz, Steven G.	2005	51:93	Central Library Level 2 Physical Sciences & Engineering book collection
A one-dimensional introduction to continuum mechanics	Roberts, A. J.	1994	531 ROB	Central Library Level 2 Physical Sciences & Engineering book collection

Check the [library catalogue](#) to see if it is on the shelf, if the book is on loan or in processing you can place a hold on it.