



NEW BOOKS IN MATHEMATICS – OCTOBER 2009



Title	Author/ Editor	Year published	Call Number	Location
Density-matrix renormalization : a new numerical method in physics	Peschel, Ingo	1999	530.145 DEN (LONGLOAN)	Mathematics Library
How to think like a mathematician : a companion to undergraduate mathematics	Houston, Kevin	2009	51 HOU (RESTRICTED)	Mathematics Library
Introduction to pseudodifferential and fourier integral operators : Vol.2	Treves, Francois	1980	517.518.5 TRE (RESTRICTED)	Mathematics Library
Real analysis	Howie, John	2001	517.13 HOW (LONGLOAN)	Mathematics Library
Advanced engineering mathematics	O'Neil, Peter	2007	510.246 ONE (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Advanced engineering mathematics	Stroud, KA	2003	510.246 STR (SHORT)	Central Library Level 2 Physical Sciences and Engineering
Algebraic topology : an introduction	Massey, William	1977	512.4 MAS (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Analytical mechanics	Fowles, Grant	2005	531.011 FOW (CORETEXT)	Central Library Level 2 Physical Sciences and Engineering
The basics of S-Plus	Krause, Andreas	2005	519.502 KRA (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
A classical introduction to modern number theory	Ireland, Kenneth	1990	512.7 IRE (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Elementary linear algebra	Grossman, Stanley	1994	512.8 GRO (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Engineering mathematics	Stroud, KA	2007	51:62 STR (SHORT)	Central Library Level 2 Physical Sciences and Engineering
Fluid flow : a first course in fluid mechanics	Sabersky, Rolf	1999	620.106 FLU (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Geometry of differential forms	Morita, S	2001	515.37 MOR (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Geometry, topology, and physics	Nakahara, Mikio	2003	516.36 NAK (SHORT)	Central Library Level 2 Physical Sciences and Engineering
The handbook of fluid dynamics	Johnson, RW	1998	620.106 HAN (STANDARD)	Central Library Level 2 Physical Sciences and Engineering

Introductory statistics	Weiss, Neil	2008	519.5 WEI (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Mechanics of fluids	Massey, BS	2006	532 MAS (SHORT)	Central Library Level 2 Physical Sciences and Engineering
Modern elementary statistics	Freund, John	2007	519.5 FRE (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Multivariate observations	Seber, GAF	2004	519.535 SEB (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Navier-Stokes equations : theory and numerical analysis	Temam, Roger	2001	532.052 TEM (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Numerical computation of internal and external flows	Hirsch, Charles	2007	532.051 HIR (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Numerical recipes in FORTRAN : the art of scientific computing	Press, William	1992	519.402 NUM (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Physical fluid dynamics	Tritton, DJ	1998	532.05 TRI (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Practical methods of optimization	Fletcher, Roger	2000	515 FLE (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Principles of quantum mechanics	Shankar, Ramamurti	1994	530.12 SHA (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Probability and random processes	Grimmett, Geoffrey	2001	519.2 GRI (SHORT)	Central Library Level 2 Physical Sciences and Engineering
Schaum's outline of theory and problems of advanced calculus	Wrede, Robert	2002	515.076 WRE (SHORT)	Central Library Level 2 Physical Sciences and Engineering
Stability, instability, and chaos	Glendinning, Paul	1995	515.355 GLE (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Statistics for business and economics	Newbold, Paul	2009	519.502 NEW (STANDARD)	Central Library Level 2 Physical Sciences and Engineering
Turbulent flows	Pope, SB	2000	532.052 POP (SHORT)	Central Library Level 2 Physical Sciences and Engineering

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