

# Mathematics Library

## New Books of April 2014

No.	Call Number	Author	Title	Acc. No.
1.	Q125.A5/R37 2012	Rashed, Roshdi	Founding figures & commentators in Arabic mathematic, v.1	0368167
2.	Q175.32.C65/C656	Ball, Robin	Complexity science: the Warwick Master's course	0375020
3.	Q342/.B68 1997	Wendlandm, W. L.	Boundary element topics	0368163
4.	Q342/.S75 2000	Stilman, Boris	Linguistic geometry: from search to construction	0372030
5.	QA1/.R263 v.85	Kuchment peter	The radon transform & medical imaging	0374132
6.	QA3/.Am35 n.1052	Bru, J.-B.	Non-cooperative equilibria of Fermi systems with long range interactions	0374147
7.	QA3/.Am35 n.1062	Inci, H.	On the regularity of the composition of diffeomorphisms	0374144
8.	QA3/.Am35 n.1063	Gille, Philippe	Torsors, reductive group schemes & extended affine Lie algebras	0374145
9.	QA3/.Am35 n.1064	Flores, J. L.	Gromov, Cauchy & causal boundaries for Riemannian, Finslerian & Lorentzian manifolds	0374146
10.	QA3/.M42 v.192	Efendiev, Messoud	Attractors for degenerate parabolic type equations	0374138
11.	QA3/.M423 v.1 & 2	Graham, R. L.	The mathematics of Paul Erdos I & II	0368316 0368317
12.	QA3/.P941p v.87	Holden, Helge	Spectral analysis, differential equations & mathematical physics..	0374139
13.	QA7/.L288 v.1-4	Lang, Serge	Collected papers I-IV	0372022 0372023 0372024 0372025
14.	QA161.F3/F66 2013	Fontana, Marco	Factoring ideals in integral domains	0368314
15.	QA165/.B66 2012	Bona, Miklos	Combinatorics of permutations, 2 <sup>nd</sup> ed.	0368164
16.	QA165/.M36 2013	Mansour, Toufik	Combinatorics of set partitions	0368166
17.	QA184.2/.S564 2014	Singh, Kuldeep	Linear algebra: step by step	0367986
18.	QA188/.E376 2014	Eidelman, Yuli	Separable type representations of matrices &	0374153

	v.1 & 2		fast algorithms	0374157
19.	QA199/.H55 2013	Hildenbrand, D.	Foundations of geometric algebra computing	0368319
20.	QA241/.W29 2013	Wagstaff, S. S.	The Joy of factoring	0374147
21.	QA251.5/.I65 2010	Chari, V.	Recent developments in algebraic & combinatorial aspects of representation theory	0374136
22.	QA269/.S5735 2013	Siegel, Aaron	Combinatorial game theory	0374150
23.	QA273.6/C65 2013	Collet, Pierre	Quasi-Stationary distributions	0368311
24.	QA274/.S854 2013	Stroock, D. W.	Mathematics of probability	0374151
25.	QA274.75/.B35 2014	Bakry, D.	Analysis & geometry of Markov diffusion operators	0374127
26.	QA276.8/.F37 2013	Farebrother, R. W.	$L_1$ -norm & $L_\infty$ -norm estimation: an introduction to the least absolute residuals, ...	0368313
27.	QA278/.N68 2008 v.2	Novak, Erich	Tractability of multivariate problems , v.II : standard information for functionals	0368218
28.	QA278.8/.H65 2014	Hollander, Myles	Nonparametric statistical methods, 3 <sup>rd</sup> ed.	0368286
29.	QA319/.I58 2012	Shamseddine, K.	Advances in ultrametric analysis: 12 <sup>th</sup> int'l analysis July 2-6, 2012 ..	0374140
30.	QA326/.G384 2013	Gallier, jean	A guide to the classification theorem for compact surfaces	0368315
31.	QA329/.A37 2013	Kaashoek, M. A.	Advances in structured operator theory & related areas: the Leonid Leerer Anniversary...	0374155
32.	QA329/.C67 2011	Todorov, Ivan G.	Algebraic methods in functional analysis: the Victor Shulman Anniversary volume	0374156
33.	QA329/.I585 2011	Boiso, Manuel C.	Concrete operators, spectral theory, operators in harmonic analysis & approximation	0374152
34.	QA331/.N63 2014	Noguchi, Junjiro	Nevanlinna theory in several complex variables and Diophantine approximation	0374128
35.	QA377/.D465 2013	Denk, Roert	General parabolic mixed order systems in $L_p$ & applications	0374158
36.	QA402.3/.L497 v.450	Como, Giacomo	Information & control in networks	0374133
37.	QA402.3/.L497 v.451	Nguyen, H.-N.	Constrained control of uncertain, time-varying, discrete-time systems	0374129
38.	QA402.3/.L497 v.453	Smsyo, Gtsnvrdo	Finite-time stability & control	0374130
39.	QA402.3/.L497 v.454	Mzyk, Grzegorz	Combined parametric-nonparametric identification of block-oriented systems	0374131
40.	QA402.37/.T68 2013	Touzi, Nizar	Optimal stochastic control, stochastic target	0372032

			problems & backward SDE	
41.	QA403/.A5275 2012	Mayeli, A.	Commutative and noncommutative harmonic analysis & applications	0374137
42.	QA455/.L68 2013	Louridas, S. E.	Problem-solving & selected topics in Euclidean geometry	0372026
43.	QA564/.B67 2013	Bosch, Siegfried	Algebraic geometry & commutative algebra	0368310
44.	QA564/.J6713 2013	Joswig, Michael	Polyhedral & algebraic methods in computational geometry	0368320
45.	QA611.26/.D49 2013	Deza, M. M.	Encyclopedia of distances, 2 <sup>nd</sup> ed.	0368312
46.	QA612/.M3882012	May, J. P.	More concise algebraic topology	0368168
47.	QA612/.V35 2013	Vallin, Robert W.	The elements of cantor sets-with app	0368219
48.	QA612.14/.G455 2013	Hodgson, Craig D.	Geometry & topology down under	0374141
48.	QA612.7/.G74 2013	Griffiths, Phillip	Rational homotopy theory & differential forms, 2 <sup>nd</sup> ed.	0374154
49.	QA614.3/.G334 2013	Gadea, P. M.	Analysis and algebra on differentiable manifolds, 2 <sup>nd</sup> ed.	0372021
50.	QA614.8/.G76 2013	Gros, Claudius	Complex and adaptive dynamical systems	0368318
51.	QA641/.M386 2013	McInerney, A.	First steps in differential geometry; Riemannian, contact, symplectic	0372028
52.	QA649/.S353 2014	Schneider, Rolf	Convex bodies: the Brunn-Minkowski theory, 2 <sup>nd</sup> ed.	0374159
53.	QA670/.S68 2009	Ghomi, M.	Geometric analysis, mathematical relativity, and nonlinear partial differential equations	0374143
54.	QA672/.S4726 2012	Quinto, E. T.	Geometric analysis & integral geometry	0374142
55.	QA805/.R35 2013	Rajeev, S. G.	Advanced mechanics: from Euler's determinism to Arnold's chaos	0367985
56.	QC1/.L565 sess.95	Frohlich, Jurg	Ecole de physique des houche: session XCV, 2-27 August 2010	0367983
57.	QC20.7.F73/P57 2011 v.1	Carfi, David	Fractal geometry & dynamical systems in pure & applied mathematics I	0374134
58.	QC20.7.F73/P57 2011 v.2	Carfi, David	Fractal geometry & dynamical systems in pure & applied mathematics II	0374135
59.	QC174.17.S9/B56	Binetruy, P.	Supersymmetry: theory, experiment, & cosmology	0367984
60.	QC174.45/.D86 2012	Duncan, Anthony	The conceptual framework of quantum field theory	0367982

61.	QC793.47.S83/N37	Narsky, Ilya	Statistical analysis techniques in particle physics	0368287
62.	QD911/.S88 2013	Sunada, Toshikazu	Topological crystallography: with a view towards discrete geometric analysis	0372031
63.	RA409/.D227 2013	Daniel, Wayne W.	Biostatistics: a foundation for analysis in the health sciences	0368217
64.	TA660.P73/S53 2013	Senechal, M.	Shaping space; exploring polyhedral in nature, art, & the geometrical imagination	0372029
65.	TJ175/.W67 2013	McCarthy, J. M.	21 <sup>st</sup> century kinematics: the 2012 NSF workshop	0372027

※April 17-23 on display