

**Engineering, Math and Computer Science Library**  
**September 2008**  
**New Book List**

Call Number		Title	Author
KF	5624 .B73 2007	Wetlands : An Introduction to Ecology, the Law, and Permitting	Braddock, T., et al.
Q	180.55 .G7 C44 2004	Research Projects and Research Proposals: A Guide for Scientists Seeking Funding	Chapin, P.
Q	335 .B489 2008	Elements of Argumentation	Besnard, P., et al.
Q	335 .E356 2008	Artificial Dreams : The Quest for Non-Biological Intelligence	Ekbia, H.
QA	8.4 .P366 2008	Mathematical Thought and Its Objects	Parsons, C.
QA	9.7 .M638 2008 V.1 V.2	Model Theory with Applications to Algebra and Analysis	Chatzidakis, Z., et al, eds.
QA	76.5 .M67 2008	Understanding Computers Today and Tomorrow	Morley, Parker
QA	76.76 .V47 2008	Principles of Model Checking	Baier, C., et al.
QA	76.95 .A45 2007	Tapas in experimental mathematics: AMS Special Session on Experimental Mathematics in Action	Amdeberhan, T., et al, eds.
QA	99 .H379 2008	Impossible?: Surprising Solutions to Counterintuitive Conundrums	Havil, Julian
QA	174.2 .C85 2008	Group Theory: Birdtracks, Lie's, and Exceptional Groups	Cvitanovic', P.
QA	174.7 .S96 V53 2008	Symmetry Studies : An Introduction to The Analysis of Structured Data in Applications	Viana, M.
QA	243 .E46 2008	The Algebraic and Geometric Theory of Quadratic Forms	Elman, R., et al, eds.
QA	247.3 .I57 2007	Eighth International Conference on Finite Fields and Applications	Mullen, G., et al, eds.
QA	267.7 .G65 2008	Computational Complexity: A Conceptual Perspective	Goldreich, O.
QA	279 .B35 2008	Design of Comparative Experiments	Bailey, R.
QA	312 .O38 2008	Optimal Domain and Integral Extension of Operators: Acting in Function Spaces	Okada, S., et al.
QA	326 .S565 2008	Finite von Neumann Algebras and Masas	Sinclair, M.

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<b>QA</b>	<b>329 .I5778 2008</b>	Operator Algebras, Operator Theory and Applications	Bastos, M., et al, eds.
<b>QA</b>	<b>329 .M44 2008</b>	Exponentially Dichotomous Operators and Applications	Mee, C.
<b>QA</b>	<b>329.42 .N396 2008</b>	Elliptic Theory and Non-commutative Geometry : Nonlocal Elliptic Operators	Nazaïkinskiĭ, V., et al
<b>QA</b>	<b>351 .B79 2008</b>	Handbook of Special Functions: Derivatives, Integrals, Series, and Other Formulas	Brychkov, Y.
<b>QA</b>	<b>377 .S845 2008</b>	Partial Differential Equations for Probabilists	Stroock, D.
<b>QA</b>	<b>564 .N665 2008</b>	Non-commutative Geometry in Mathematics and Physics	Dito, G., et al, eds.
<b>QA</b>	<b>612.7 .F448 2008</b>	Algebraic Models in Geometry	Félix, Y., et al.
<b>QA</b>	<b>613.2 .I587 2006</b>	International Conference on Toric Topology	Harada, M., et al, eds.
<b>QA</b>	<b>614.58 .I527 2006</b>	Real and Complex Singularities : Ninth International Workshop	Saia, M., et al, eds.
<b>QA</b>	<b>614.8 .C36 2008</b>	Introduction to Differential Equations With Dynamical system	Campbell & Haberman
<b>QA</b>	<b>614.83 .I662 2008</b>	Integrable Systems and Random Matrices	Baik, J., et al, eds.
<b>QA</b>	<b>9.54 .C48 2008</b>	Mathematical Proofs: A Transition to Advanced Mathematics	Chartrand, G.
<b>T</b>	<b>55 .W53 2008</b>	Preventing Corporate Accidents : An Ethical Approach	Whittingham, R.
<b>TA</b>	<b>157 .M835 2008</b>	The Engineering Project: Its Nature, Ethics, and Promise	Moriarty, G.
<b>TA</b>	<b>174 .F66 2008</b>	Design for Electrical and Computer Engineers: Theory, Concepts, and Practice	Ford, R.
<b>TA</b>	<b>418.9 .N35 B43 2008</b>	Polymeric Nanocomposites: Theory and Practice	Bhattacharya, S., et al.
<b>TA</b>	<b>645 .H463 2008</b>	Basic Structural Theory	Heyman, J.
<b>TD</b>	<b>257 .G72 2008</b>	Drinking Water Quality : Problems and Solutions	Gray, N.

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<b>TD</b>	<b>883 .V25 2008</b>	Fundamentals of Air Pollution, 4 <sup>th</sup> ed.	Vallero, D.
<b>TD</b>	<b>1030 .L34 2001</b>	Hazardous Waste Management, 2 <sup>nd</sup> ed.	LaGrega, M., et al.
<b>TH</b>	<b>1725 .N5 2008</b>	Recording Studio Design	Newell, P.
<b>TJ</b>	<b>216 .A78 2008</b>	Feedback Systems: An Introduction for Scientists and Engineers	Astrom, K., et al.
<b>TK</b>	<b>5103.4 .W66 2008</b>	Essentials of UWB	Wood, S., et al.
<b>TK</b>	<b>5105 .H585 2008</b>	Network Coding: An Introduction	Ho, T., et al.
<b>TP</b>	<b>358 .M68 2008</b>	Biofuels: Biotechnology, Chemistry, and Sustainable Development	Mousdale, D.
<b>TP</b>	<b>1087 .P653 2007</b>	Polymer Reaction Engineering	Asua, J.