

**Engineering, Math and Computer Science Library**  
**February 2009**  
**New Book List**

Call Number		Title	Author
HD	9710. J34 T62174513 2008	Clean Car Wars : How Honda and Toyota are Winning the Battle of the Eco-Friendly Autos	Hasegawa, Y.
LB	1027 .C4662 2008	Disrupting Class : How Disruptive Innovation Will Change the Way the World Learns	Christensen, C., et al.
P	98 .J87 2009	Speech and Language Processing : An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition	Jurafsky & Martin
QA	11.2 .H57 2003 V.1, 2	A History of School Mathematics	Stanic & Kilpatrick, eds.
QA	39.3 .B55 2008	Guide to Essential Math : A Review for Physics, Chemistry and Engineering Students	Blinder, S.
QA	76.17 .R52 2007	Core Memory : A Visual Survey of Vintage Computers Featuring Machines From the Computer History Museum	Richards, M., et al.
QA	76.6 .H5244 2008	The Art of Multiprocessor Programming	Herlihy & Shavit
QA	76.73 .C15 H362 2001	C Program Design for Engineers	Hanly & Koffman
QA	76.758 .S456 2008	Designing and Engineering Time : The Psychology of Time Perception in Software	Seow, S.
QA	76.758 .V54 2008	Software Engineering : Principles and Practice	van Vliet, H.
QA	76.76 .A65 G453 2008	Facebook Application Development	Gerakines, N.
QA	76.76 .C672 A42143 2008	3D Game Environments : Create Professional 3D Game Worlds	Ahearn, L.
QA	76.76 .C672 V47 2008 + 1 DISC	Essential Mathematics for Games and Interactive Applications : A Programmer's Guide	Van Verth & Bishop
QA	76.76 .O63 M69677 2008	Group Policy : Fundamentals, Security, and Troubleshooting	Moskowitz, J.
QA	76.889 .M44 2008	Quantum Computing Without Magic : Devices	Meglicki, Z.

**Engineering, Math and Computer Science Library**  
**February 2009**  
**New Book List**

QA	76.889 .N34 2008	Quantum Computing : From Linear Algebra to Physical Realizations	Nakahara & Ohmi
QA	76.9 .A25 B43 2008	Building an Effective Security Policy Architecture	Bacik, S.
QA	76.9 .A25 S932 2008	Modern Cryptanalysis : Techniques for Advanced Code Breaking	Swenson, C.
QA	76.9 .D5 B76 2008	Practical Distributed Processing	Brooke & Paige
QA	QA 76.9 .D5 K74 2008	Distributed Computing : Principles, Algorithms, and Systems	Kshemkalyani & Singhal
QA	QA 76.9 .M65 H36 2008	The Handbook of Information and Computer Ethics	Himma, K., et al, eds.
QA	76.9 .S88 W64 2008	Computers as Components : Principles of Embedded Computing System Design	Wolf, W.
QA	167 .P332 2009	Combinatorial Geometry and its Algorithmic Applications : The Alcalá Lectures	Pach, J.
QA	184.2 .S77 2006	Linear Algebra and its Applications, 4th ed.	Strang, G.
QA	267 .P48 2008	The Annotated Turing : A Guided Tour Through Alan Turing's Historic Paper on Computability and the Turing Machine	Petzold, C.
QA	268 .U49 2005	Recent Trends in Cryptography	Luengo, I. ed.
QA	276.12 .V36 2008	Statistical Rules of Thumb	van Belle, G.
QA	280 .B67 2008	Time Series Analysis : Forecasting and Control	Box, G., et al
QA	322.4 .W674 2009	Spectral Theory in Inner Product Spaces and Applications	Behrndt, J. et al
QA	323 .M392 2009	Theory of Sobolev Multipliers : With Applications to Differential and Integral Operators	Maz'ya & Shaposhnikova
QA	326 .K26 2009	A Course in Commutative Banach Algebras	Kaniuth, E.
QA	326 .M66 2008	Operator Algebras and Geometry	Moriyoshi & Natsume

**Engineering, Math and Computer Science Library  
February 2009  
New Book List**

<b>QA</b>	<b>329 .I585 2006</b>	Recent Advances in Operator Theory and Applications	<b>Ando, T., et al, eds.</b>
<b>QA</b>	<b>331.7 .C524 2009</b>	Complex Variables and Applications	<b>Brown &amp; Churchill</b>
<b>QA</b>	<b>331.7 .M36 1999</b>	Basic Complex Analysis	<b>Marsden &amp; Hoffman</b>
<b>QA</b>	<b>377 .A836 2009</b>	Elliptic Partial Differential Equations and Quasiconformal Mappings in the Plane	<b>Astala,K., et al</b>
<b>QA</b>	<b>387 .F85 2004</b>	Representation Theory : A First Course	<b>Fulton, W.</b>
<b>QA</b>	<b>387 .K44 2009</b>	The Geometry of Infinite-Dimensional Groups	<b>Khesin, B.</b>
<b>QA</b>	<b>402.5 .V55 2009</b>	Optimal Transport : Old and New	<b>Villani, C.</b>
<b>QA</b>	<b>612.23 .D445 2008</b>	Ordering Braids	<b>Dehornoy, P., et al</b>
<b>QA</b>	<b>845 .C35 2008</b>	Isochronous Systems	<b>Calogero,F.</b>
<b>QC</b>	<b>20.7 .S64 M48 2009</b>	Methods of Spectral Analysis in Mathematical Physics	<b>Janas, J., et al eds.</b>
<b>QC</b>	<b>20.7 .S64 S76 2005</b>	Topics in Spectral Theory and Quantum Mechanics	<b>Villegas-Blas, C. editor.</b>
<b>QC</b>	<b>174.17 .H4 B53 2008</b>	The Geometry of Heisenberg Groups : With Applications in Signal Theory, Optics, Quantization, and Field Quantization	<b>Binz, E., et al</b>
<b>T</b>	<b>174.7 .S52 2008</b>	Nanotechnology : Health and Environmental Risks	<b>Shatkin, J.</b>
<b>T</b>	<b>212 .O26 2008</b>	Inside the Patent Factory : The Essential Reference for Effective and Efficient Management of Patent Creation	<b>O'Connell, D.</b>
<b>T</b>	<b>385 .L694 2008</b>	Adobe CS3 Web Workflows : Building Web Sites With Adobe Creative Suite 3	<b>Lowery, J.</b>
<b>T</b>	<b>385 .M863 2008</b>	The OpenGL ES 2.0 Programming Guide	<b>Munshi, A., et al</b>
<b>T</b>	<b>385 .M8642 2009</b>	Guide to PowerPoint: Version 2007	<b>Munter, M.</b>
<b>TA</b>	<b>345 .P765 2008</b>	MathCAD : A Tool for Engineering Problem Solving	<b>Pritchard, P.</b>

**Engineering, Math and Computer Science Library**  
**February 2009**  
**New Book List**

<b>TA</b>	<b>350 .B3552 2007</b>	Vector Mechanics for Engineers: Statics and Dynamics	<b>Beer, F., et al.</b>
<b>TA</b>	<b>417.23 .B73 2008</b>	Microstructural Characterization of Materials	<b>Brandon, D.</b>
<b>TA</b>	<b>418.9 .N35 V65 2008</b>	Nanomaterials : An Introduction to Synthesis, Properties and Application	<b>Vollath, D.</b>
<b>TA</b>	<b>1637 .S38 2008</b>	Practical Algorithms for Image Analysis : Description, Examples, Programs, and Projects	<b>O'Gorman, L., et al</b>
<b>TD</b>	<b>481 .W375 2000</b>	Water Distribution Systems Handbook	<b>Mays, L. Ed.</b>
<b>TJ</b>	<b>211 .B556 2008</b>	Programming Lego Mindstorms NXT	<b>Bishop, O.</b>
<b>TK</b>	<b>1541 .O68 2008</b>	Optimal Control of Wind Energy Systems : Towards a Global Approach	<b>Munteanu, I. et al.</b>
<b>TK</b>	<b>5105.8 .E83 H448 2008</b>	Carrier Ethernet : Providing the Need for Speed	<b>Held, G.</b>
<b>TK</b>	<b>5105.87 .N83 2009</b>	Design, Measurement and Management of Large-scale IP Networks : Bridging the Gap Between Theory and Practice	<b>Nucci &amp; Papagiannaki</b>
<b>TK</b>	<b>5105.888 .L96 2008</b>	Web Style Guide : Basic Design Principles for Creating Web Sites	<b>Lynch, P.</b>
<b>TK</b>	<b>6553 .B5245 2008</b>	Ionosphere and Applied Aspects of Radio Communication and Radar	<b>Blaunstein, N.</b>
<b>TK</b>	<b>7867 .Y35 2007</b>	Circuit Systems with MATLAB and PSpice	<b>Yang &amp; Lee</b>
<b>TK</b>	<b>7868 .D5 T62 2007</b>	Digital Systems : Principles and Applications	<b>Tocci, R., et al</b>
<b>TK</b>	<b>7888.3 .A863 2008</b>	The Designer's Guide to VHDL	<b>Ashenden, P.</b>
<b>TS</b>	<b>171.4 .E93 2008</b>	Evaluating Children's Interactive Products : Principles and Practices for Interaction Designers	<b>Markopoulos, P., et al.</b>
<b>ZA</b>	<b>4234 .G64 C35 2008</b>	Google Apps for Dummies	<b>Teeter, R.</b>