

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

Call Number		Title	Author
GC	297 .P73 2008	Nonlinear Topographic Effects in the Ocean and Atmosphere	Pratt & Whitehead
Q	182.7 .S36 2008	Scientific Collaboration on the Internet	Olson, G., et al.
QA	8.4 .T83 2009	What is a Number? : Mathematical Concepts and Their Origins	Tubbs, R.
QA	9.65 .S69 1992	Gödel's Incompleteness Theorems	Smullyan, R.
QA	11.2 .P745 2008	The Princeton Companion to Mathematics	Gowers, T., et al., eds.
QA	11.2 .S64 2009	Mathematical Literacy : Developing Identities of Inclusion	Solomon, Y.
QA	71 .K46 2008	Tools of American Mathematics Teaching, 1800-2000	Kidwell, P., et al.
QA	76.73 .B3 B335 2008	Practical Database Programming with Visual Basic.NET	Bai & Bhalla
QA	76.9 .A25 A54 2008	Security Engineering : A Guide to Building Dependable Distributed Systems	Anderson, R.
QA	76.9 .D343 W58 2005	Data Mining : Practical Machine Learning Tools and Techniques	Witten, I.
QA	76.9 .H85 R45 2008	Research Methods for Human-Computer Interaction	Cairns & Cox
QA	76.9 .T48 M26 2008	Introduction to Information Retrieval	Manning, C., et al.
QA	76.9 .U83 T95 2008	Measuring the User Experience : Collecting, Analyzing, and Presenting Usability Metrics	Tullis & Albert
QA	174.2 .J69 2008	Adventures in Group Theory : Rubik's Cube, Merlin's Machine, & Other Mathematical Toys	Joyner, D.
QA	273 .A66 2008	Probability and Information : An Integrated Approach	Applebaum, D.
QA	276 .K546 2009	Modeling with Data : Tools and Techniques for Scientific Computing	Klemens, B.

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

<b>QA</b>	<b>276.18 .C53 2008</b>	Model Selection and Model Averaging	<b>Claeskens &amp; Hjort</b>
<b>QA</b>	<b>324 .G778 2009</b>	Distributions and Operators	<b>Grubb, G.</b>
<b>QA</b>	<b>329.7 .N48 2009</b>	New Developments in Pseudo-Differential Operators	<b>Rodino &amp; Wong</b>
<b>QA</b>	<b>341 .S75 2009</b>	Algebraic Function Fields and Codes	<b>Stichtenoth, H.</b>
<b>QA</b>	<b>371 .A518 2009</b>	Algebraic Theory of Differential Equations	<b>MacCallum &amp; Mikhailov, eds.</b>
<b>QA</b>	<b>372 .A85 2009</b>	Numerical Solution of Ordinary Differential Equations	<b>Atkinson, K., et al.</b>
<b>QA</b>	<b>611 .A3 R53 2008</b>	Euler's Gem : The Polyhedron Formula and the Birth of Topology	<b>Richeson, D.</b>
<b>QA</b>	<b>649 .H43 2008</b>	Geometric Analysis on Symmetric Spaces	<b>Helgason, S.</b>
<b>QC</b>	<b>174.86 .N65 C37 2008</b>	Non-equilibrium Statistical Mechanics and Turbulence	<b>Cardy, J., et al.</b>
<b>QD</b>	<b>388 .C36 2008</b>	Industrial Polymers	<b>Campo, E.</b>
<b>QD</b>	<b>505 .A78 2008</b>	Asymmetric Phase Transfer Catalysis	<b>Maruoka, K., ed.</b>
<b>T</b>	<b>11 .V358 2008</b>	Reporting Results : A Practical Guide for Engineers and Scientists	<b>Van Aken &amp; Hosford</b>
<b>T</b>	<b>174.7 .B36 2008</b>	Nanotechnology : Ethics and Society	<b>Bennet-Woods, D.</b>
<b>T</b>	<b>385 .A5133 2009</b>	Interactive Computer Graphics : A Top-Down Approach Using OpenGL	<b>Angel, E.</b>
<b>TA</b>	<b>139 .H275 2008</b>	A Biographical Dictionary of People in Engineering : From Earliest Records Until 2000	<b>Hall, C.</b>
<b>TA</b>	<b>357.3 .K73 2005</b>	Fluid Mechanics : With Problems and Solutions, and an Aerodynamic Laboratory	<b>Krause, E.</b>
<b>TA</b>	<b>405 .B645 2008</b>	Nonlinear Continuum Mechanics for Finite Element Analysis	<b>Bonet &amp; Wood</b>

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

<b>TA</b>	<b>439 .N36 2008</b>	Nanotechnology of Concrete : Recent Developments and Future Perspectives	<b>Sobolev &amp; Shah</b>
<b>TA</b>	<b>710 .D257 2008</b>	Advanced Soil Mechanics	<b>Das, B.</b>
<b>TE</b>	<b>147 .M28 2009</b>	Principles of Highway Engineering and Traffic Analysis	<b>Mannering, F., et al.</b>
<b>TE</b>	<b>153 .S4515 2006</b>	Seismic Retrofitting Manual for Highway Structures. Part 2, Retaining Structures, Slopes, Tunnels, Culverts, and Roadways	<b>Power, M., et al.</b>
<b>TE</b>	<b>153 .S45 2006</b>	Seismic Retrofitting Manual for Highway Structures. Part 1, Bridges	<b>Buckle, I., et al.</b>
<b>TG</b>	<b>320 .J64 2006</b>	Assessing Stream Channel Stability at Bridges in Physiographic Regions	<b>Johnson, P.</b>
<b>TJ</b>	<b>163.15 .T69 2007</b>	Towards a Cleaner Planet : Energy for the Future	<b>Klapp, J., et al., eds.</b>
<b>TK</b>	<b>5103.4885 .K46 2008</b>	Wireless Internet Security : Architecture and Protocols	<b>Kempf, J.</b>
<b>TK</b>	<b>5105.78 .P47 2008</b>	Next Generation Wireless LANs : Throughput, Robustness, and Reliability in 802.11n	<b>Perahia &amp; Stacey</b>
<b>TK</b>	<b>5105.88813 .S45 2009</b>	Service-Oriented Computing	<b>Georgakopoulos &amp; Papazoglou</b>
<b>TK</b>	<b>6553 .L823 2009</b>	RF Circuit Design : Theory and Applications	<b>Ludwig &amp; Bogdanov</b>
<b>TL</b>	<b>570 .B42 2009</b>	Aerodynamics for Engineers	<b>Bertin &amp; Cummings</b>
<b>TL</b>	<b>1050 .W52 2008</b>	Space Vehicle Dynamics and Control	<b>Wie, B.</b>
<b>TP</b>	<b>248 .B55 I68 2008</b>	Introduction to Chemicals From Biomass	<b>Clark, J. et al, eds.</b>
<b>TP</b>	<b>248.2 .H68 2009</b>	Biocatalysis and Bioenergy	<b>Hou &amp; Shaw</b>
<b>TP</b>	<b>248.25 .M46 H35 2009</b>	Handbook of Membrane Separations : Chemical, Pharmaceutical, Food, and Biotechnological Applications	<b>Pabby, A. et al., eds.</b>

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

<b>TP</b>	<b>248.25 .N35 B563 2008</b>	Biomolecular Catalysis : Nanoscale Science and Technology	<b>Kim, J., et al., eds.</b>
<b>TP</b>	<b>248.25 .N35 W45 2008</b>	What can Nanotechnology Learn from Biotechnology? : Social and Ethical Lessons for Nanoscience from the Debate Over Agrifood Biotechnology and GMOs	<b>David &amp; Thompson</b>
<b>TP</b>	<b>248.27 .P55 S74 2008</b>	Plant Biotechnology and Genetics : Principles, Techniques, and Applications	<b>Stewart, C.</b>
<b>TP</b>	<b>680 .G86 2008</b>	Oils and Fats in the Food Industry	<b>Gunstone, F.</b>
<b>TP</b>	<b>759 .H54 2008</b>	Gasification	<b>Higman &amp; der Burgt</b>
<b>TP</b>	<b>1122 .L65 2008</b>	Solidworks Surfacing and Complex Shape Modeling Bible	<b>Lombard, M.</b>