

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

Call Number	Title	Author	
<b>REFERENCE</b>			
<b>HE</b>	<b>191.8 .E54 2008</b>	Energy, Transportation & The Environment : A Statistical Sourcebook and Guide to Government Data	<b>US EPA, et al.</b>
<b>T</b>	<b>55 .A333 2009</b>	Accident Prevention Manual for Business & Industry : Administration & Programs	<b>Hagan, P., et al., eds.</b>
<b>TA</b>	<b>151 .F863 2005</b>	Fundamentals of Engineering Supplied- Reference Handbook	<b>National Council of Examiners for Engineering and Surveying</b>
<b>TP</b>	<b>151 .A565 2009</b>	Albright's Chemical Engineering Handbook	<b>Albright, L., ed.</b>
<b>New Books</b>			
<b>HD</b>	<b>9502.5 .A433 U54486 2007</b>	Sustainable Ethanol : Biofuels, Biorefineries, Cellulosic Biomass, Flex-fuel Vehicles, and Sustainable Farming for Energy Independence	<b>Goettemoeller &amp; Goettemoeller</b>
<b>Q</b>	<b>172.5 .C45 O87 2002</b>	Chaos in Dynamical Systems	<b>Ott, E.</b>
<b>QA</b>	<b>41.4 .C66 2009</b>	Communicating Mathematics : A Conference in Honor of Joseph A. Gallian's 65th Birthday, July 16-19, 2007, University of Minnesota, Duluth, Minnesota	<b>Chow, T, &amp; Isaksen, D. eds.</b>
<b>QA</b>	<b>76.76 .I58 S75 2009</b>	Multiagent Systems : Algorithmic, Game- Theoretic, and Logical Foundations	<b>Shoham &amp; Leyton-Brown</b>
<b>QA</b>	<b>165 .B56 2009</b>	Before Sudoku : the world of magic squares	<b>Block &amp; Tavares</b>
<b>QA</b>	<b>251.5 .I63 2007</b>	Rings, modules, and representations : International Conference on Rings and Things in Honor of Carl Faith and Barbara Osofsky, June 15-17, 2007, Ohio University-Zanesville, OH /	<b>Nguyen Viet Dung ... [et al.], editors</b>
<b>QA</b>	<b>269 .S574 2006</b>	A Beautiful Math: John Nash, Game Theory, and the Modern Quest for a Code of Nature	<b>Siegfried, Tom</b>
<b>QA</b>	<b>279 .J36 2005</b>	Introduction to Linear Models and Statistical Inference	<b>Steven J. Janke</b>

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<b>QA</b>	<b>304 .G76 2008</b>	Evaluating Derivatives : Principles and Techniques of Algorithmic Differentiation	<b>Andreas Griewank</b>
<b>QA</b>	<b>320 .M275 2009</b>	Elementary Functional Analysis	<b>MacCluer, B.</b>
<b>QA</b>	<b>377 .A5668 2009</b>	Layer Potential Techniques in Spectral Analysis	<b>Ammari, Habib</b>
<b>QA</b>	<b>564 .S86 2005</b>	Algebraic Geometry, Seattle 2005 : Summer Research Institute	<b>D. Abramovich [et al]</b>
<b>QA</b>	<b>927 .O25 2004</b>	Waves and Compressible Flow	<b>Ockendon, Hilary</b>
<b>QA</b>	<b>QA 641 .K9613 2006</b>	Differential Geometry : Curves-Surfaces Manifolds	<b>Kuhnel, Wolfgang</b>
<b>R</b>	<b>857 .B54 L33 2009</b>	Label-Free Biosensors : Techniques and Applications	<b>Matthew A. Cooper, Ed.</b>
<b>T</b>	<b>14.5 .S316 2008</b>	The Coming Convergence : Surprising Ways Diverse Technologies Interact to Shape our World and Change the Future	<b>Schmidt, Stanley</b>
<b>T</b>	<b>385 .L66 2009</b>	Solidworks 2009 Bible	<b>Matt Lombard</b>
<b>TA</b>	<b>140 .B385 A3 2008</b>	Riding the Waves	<b>Beranek, Leo</b>
<b>TA</b>	<b>357.5 .M84 C65 2007</b>	Computational Methods for Multiphase Flow	<b>Prosperetti, A &amp; Tryggvason, G, Eds.</b>
<b>TA</b>	<b>654.6 .V55 2009</b>	Fundamental Concepts of Earthquake Engineering	<b>Villaverde, Roberto</b>
<b>TJ</b>	<b>163.2 .T3485 2008</b>	Career Opportunities in the Energy Industry	<b>Allan Taylor &amp; James Robert Parish</b>
<b>TJ</b>	<b>223 .M53 H948 2010</b>	The HCS12/9S12 : an Introduction to Software and Hardware Interfacing	<b>Huang, Han-Way</b>
<b>TK</b>	<b>5101 .L333 2009</b>	Modern Digital and Analog Communication Systems	<b>Lathi, B. P.</b>
<b>TK</b>	<b>5102.9 .B543 2008</b>	Algebraic Codes on Lines, Planes, and Curves	<b>Richard E. Blahut</b>
<b>TK</b>	<b>5102.9 .K445 2008</b>	Digital Signal Processing System Design : LabVIEW-Based Hybrid Programming	<b>Kehtarnavaz, N.</b>

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TK	5102.9 .W433 2007	Digital Signal Processing Using MATLAB and Wavelets	<b>Weeks, Micheal</b>
TK	5103.4 .M55 2008	Millimeter Wave Technology in Wireless PAN, LAN, and MAN	<b>Xiao, Shao-Qiu, et al, Eds.</b>
TK	5105 .Z54 2009	Principles of Communications : Systems, Modulation, and Noise	<b>Ziemer, Rodger E.</b>
TK	5105.543 .G38 2006	JUNOS Cookbook	<b>Garrett, Aviva</b>
TK	5105.543 .M367 2008	JUNOS Enterprise Routing	<b>Marschke, Doug</b>
TK	5105.5956 D38 2008	Performance Analysis of Queuing and Computer Networks	<b>G.R. Dattatreya</b>
TK	5105.8883 .H65 2009	Joomla! For Dummies	<b>Holzner, Steven</b>
TK	5105.8885 .G643 G73 2009	Google Apps Deciphered : Compute in the Cloud to Streamline your Desktop	<b>Granneman, Scott</b>
TK	6561 .H63 2008	Digital Compensation for Analog Front-Ends : a New Approach to Wireless Transceiver Design	<b>Horlin, Francois</b>
TK	6575 .M267 2009	Radar Signal Analysis and Processing Using MATLAB	<b>Mahafza, Bassem R.</b>
TK	6681 .M65 2009	Racing the Beam : the Atari Video Computer System	<b>Montfort, Nick</b>
TK	7870 .V567 2004	ESD : Physics and Devices	<b>Voldman, Steven H.</b>
TK	7871.85 .V65 2006	ESD : Circuits and Devices	<b>Voldman, Steven H.</b>
TK	7871.99 .M44 B56 2008	Tradeoffs and Optimization in Analog CMOS Design	<b>Binkley, David M.</b>
TK	7872 .F5 J37 2008	Advanced Design Techniques and Realizations of Microwave and RF Filters	<b>Jarry, Pierre</b>
TK	7874 .B3917 2007	ASIC Design in the Silicon Sandbox	<b>Barr, Keith</b>

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<b>TK</b>	<b>7874.6 .H68 2008</b>	High Performance ASIC Design : Using Synthesizable Domino Logic in an ASIC Flow	<b>Hossain, Razak</b>
<b>TK</b>	<b>7874.78 .V65 2006</b>	ESD : RF Technology and Circuits	<b>Voldman, Steven H.</b>
<b>TK</b>	<b>7888.3 .A8632 2008</b>	The Student's Guide to VHDL	<b>Ashenden, P.</b>
<b>TK</b>	<b>7885.7 .S525 2009</b>	VHDL For Engineers	<b>Short, K. L.</b>
<b>TK</b>	<b>7895 .E42 P4 2008</b>	On-Chip Communication Architectures System on Chip Interconnect	<b>Pasricha, S. &amp; Dutt, N.</b>
<b>TK</b>	<b>7895 .E42 Y66 2008</b>	Low-Power NoC for High-Performance SoC Design	<b>Yoo, Hoi-Jun</b>
<b>TK</b>	<b>9145 .M87 2009</b>	Nuclear Energy : An Introduction to the Concepts, Systems, and Applications of Nuclear Processes	<b>Murray, Raymond L.</b>
<b>TP</b>	<b>157 .N393 2008</b>	Chemical Reactor Design, Optimization, and Scaleup	<b>Nauman, E. B.</b>
<b>TP</b>	<b>184 .K37 2008</b>	Programming for Chemical Engineers Using C, C++, and MATLAB	<b>Kapuno, Raul Raymond</b>
<b>TP</b>	<b>339 .B49 2008</b>	Bioenergy	<b>Judy D. Wall, Caroline S. Harwood &amp; Arnold Demain, Eds.</b>
<b>TP</b>	<b>359 .H8 H89 2009</b>	Hydrogen Fuel : Production, Transport, and Storage	<b>Ram B. Gupta</b>