

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

Call Number		Title	Author
		<b><i>New Reference Books</i></b>	
GE	10 .P43 2008	The Dictionary of Environmental Science and Engineering, 2 <sup>nd</sup> ed.	Pfafflin, J., et al., eds.
QA	188 .S43 2008	A Matrix Handbook for Statisticians	Seber, G.
TA	480 .A6 H36 2003 V.1, V.2	Handbook of Aluminum	Totten and MacKenzie, eds.
		<b><i>Other New Books</i></b>	
QA	76.9 .A25 D528 2008	Digital Privacy: Theory, Technologies, and Practices	Acquisti, A., et al., eds.
QA	76.9 .A43 H353 2008	Handbook of Applied Algorithms: Solving Scientific, Engineering and Practical Problems	Nayak, A. and Stojmenovic, I., eds.
QA	76.9 .D343 D38347 2008	Data Mining Methods and Applications	Lawrence, K., et al., eds.
QA	76.9 .M35 D578 2007	Stochastic Relations: Foundations For Markov Transition Systems	Doberkat, E.
QA	95 .H54 2007	Nets, Puzzles, and Postmen	Higgins, P.
QA	167 .S876 2008	Surveys on Discrete and Computational Geometry	Goodman, J., et al., eds.
QA	174 .A65 2006	Integer Points in Polyhedra-- Geometry, Number Theory, Representation Theory, Algebra, Optimization, Statistics. . .	Beck, M., et al., eds.
QA	268 .N48 2007	Coding Theory: Algorithms, Architectures, and Applications	Neubauer, A., et al.
QA	273 .B2584 2008	Probability and Statistical Inference	Bartoszynski and Niewiadomska-Bugaj
QA	273 .P2 1965	Probability, Random Variables, and Stochastic Processes	Papoulis, A.
QA	273 .S7415 2008	Models for Probability and Statistical Inference: Theory and Applications	Stapleton, J.

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

QA	273.25 .N34 2008	Digital Dice: Computational Solutions to Practical Probability Problems	Nahin, P.
QA	274.25 .C48 2007	Stochastic Partial Differential Equations	Chow, P. L.
QA	276.8 .C48 2008	Bootstrap Methods: A Guide for Practitioners and Researchers	Chernick, M.
QA	278.2 .K34 2008	Regression Basics, 2 <sup>nd</sup> ed.	Kahane, L.
QA	278.5 .G74 2007	Correspondence Analysis in Practice, 2 <sup>nd</sup> ed.	Greenacre, M.
QA	278.8 .V53 2007	Nonparametric Statistics with Applications to Science and Engineering	Kvam and Vidakovic
QA	300 .S376 2008	Mathematical Analysis: A Concise Introduction	Schroder, B.
QA	322.2 .B315 2008	Banach Spaces of Analytic Functions	Hibschweiler and MacGregor, eds.
QA	322.2 .F54 2008	Isometries on Banach Spaces: Vector-Valued Function Spaces, vol. 2	Fleming and Jamison
QA	329 .F73 2008	Frames and Operator Theory in Analysis and Signal Processing	Larson, D., et al., eds.
QA	377 .L98 2008	An Introduction to Nonlinear Partial Differential Equations, 2 <sup>nd</sup> ed.	Logan, J.
QA	401 .S266 2008	Optimization Modeling: A Practical Approach	Sarker and Newton
QA	402.35 .H33 2008	Nonlinear Dynamical Systems and Control: A Lyapunov-based Approach	Haddad and Chellaboina
QA	433 .R24 2008	Applied Vector Analysis, 2 <sup>nd</sup> ed.	Rahman and Mulolani
QA	565 .H57 2008	Algebraic Curves Over a Finite Field	Hirschfeld, J., et al.
QA	808.2 .R43 2008	An Introduction to Continuum Mechanics: with Applications	Reddy, J.
QH	324.2 .B5472 2008	Bioinformatics Algorithms: Techniques and Applications	Mandoiu and Zelikovsky, eds.

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

<b>QH</b>	<b>510 .S63 2008</b>	Energy in Nature and Society: General Energetics of Complex Systems	Smil, V.
<b>TA</b>	<b>165 .B73 2007</b>	Ultra Low Power Capacitive Sensor Interfaces	Bracke, W. et al.
<b>TA</b>	<b>330 .B79 2008</b>	How Round Is Your Circle?: Where Engineering and Mathematics Meet	Bryant and Sangwin
<b>TA</b>	<b>357 .K358 2005</b>	Microflows and Nanoflows: Fundamentals and Simulation	Karniadakis, G., et al.
<b>TA</b>	<b>404.8 .R67 2007</b>	Mechanical Behaviour of Engineering Materials: Metals, Ceramics, Polymers, and Composites	Rosler, J. et al.
<b>TA</b>	<b>418.9 .S62 P76 2007</b>	Progress in Smart Materials and Structures	Reece, P. ed.
<b>TA</b>	<b>418.9 .S62 S525 2008</b>	Smart Polymers: Applications in Biotechnology and Biomedicine	Galaev and Mattiasson, eds.
<b>TK</b>	<b>1005 .G24 2008</b>	Visions for a Sustainable Energy Future	Gabriel, M.
<b>TK</b>	<b>3285 .S722 2008</b>	Engineer's Guide to the National Electrical Code	Stauffer, H.
<b>TK</b>	<b>5105.15 .L86 2008</b>	Digital Signage Broadcasting: Content Management and Distribution Techniques	Lundström, L.
<b>TK</b>	<b>5105.5 .F697 2007</b>	Random Networks for Communication: From Statistical Physics to Information Systems	Franceschetti and Meester
<b>TK</b>	<b>7871.95 .F56 2008</b>	FinFETs and Other Multi-gate Transistors	Colinge, J., ed.
<b>TK</b>	<b>7874.654 .G73 2007</b>	Analog Design Centering and Sizing	Graeb, H.
<b>TK</b>	<b>7871.99 .M44 V664 2007</b>	Low-Frequency Noise in Advanced MOS Devices	Von Haartman and Östling
<b>TK</b>	<b>7871.99 .M44 S526 2007</b>	Advanced CMOS Cell Design	Sicard and Delmas Bendhia