

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

Call Number	Title	Author
	<b><i>New Reference Books</i></b>	
TA 684 .A49 2003	Cold Formed Steel Design: AISI Manual	American Iron and Steel Institute (AISI)
TA 466 .C36 2002	North American Specification For the Design of Cold-Formed Steel Structural Members	Canadian Standards Association
TA 466 .A447 2002	Commentary on North American Specification for the Design of Cold Formed Steel Structural Members	American Iron and Steel Institute (AISI)
	<b><i>New Oversize Books</i></b>	
TC 175.2 .R55 1993	Principles of Sediment Transport in Rivers, Estuaries, and Coastal Seas	Rijn, L.
	<b><i>Other New Books</i></b>	
HE 151 .T725 2007	Transportation	Barnhart, C. and Laporte, G. eds.
Q 327 .B52 2006	Pattern Recognition and Machine Learning	Bishop, C.
Q 335 .L5 2008	Artificial Intelligence with Uncertainty	Li, D.
QA 8.4 .M384 2007	Mathematical Knowledge	Leng, M et al., eds
QA 9.58 .G37 1979A	Performance Measurement and Analysis of Certain Search Algorithms	Gashnig, J.
QA 9.64 .B47 2008	An Introduction to Many-Valued and Fuzzy Logic: Semantics, Algebras, and Derivation Systems	Bergman, M.
QA 13 .L46 2008	Culturally Specific Pedagogy in the Mathematics Classroom: Strategies for Teachers and Students	Leonard, J.
QA 63 .H645 2007	8-Step Model Drawing: Singapore's best Problem-Solving Math Strategies	Hogan, R.

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QA	76.58 .H36 2008	Handbook of Parallel Computing: Models, Algorithms, and Applications	Rajasekaran, S. and Reif, J. eds.
QA	76.73 .C153 D45 2008	C++ How To Program	Deitel, P.
QA	76.73 .J38 .G589 2008	A Practical Guide to Data Structures and Algorithms Using Java	Goldman, S.
QA	76.76 .A65 W428 2007	Web Application Vulnerabilities: Detect, Exploit, Prevent	Cross, M.
QA	76.76 .C65 C35 2008	The Compiler Design Handbook: Optimizations and Machine Code Generation	Srikant, Y. and Shankar, P. eds.
QA	76.76 .H94 H38 2008	XML: Your Visual Blueprint for Building Expert Web Sites with XML, CSS, XHTML, and XSLT	Huddleston, R.
QA	76.76 .O63 S59497 2008	A Practical Guide to Ubuntu Linux	Sobell, M.
QA	76.76 .T48 A56 2008	Introduction to Software Testing	Ammann and Offutt
QA	76.9 .A25 B485 2007	Best Damn IT Security Management Book Period	Cunningham, B. et al.
QA	76.9 .A25 K36 2008	Introduction to Modern Cryptography	Katz, J.
QA	76.9 .C58 W45 2008	Grid Application Systems Design	Wells, A.
QA	76.9 .C643 H46 2007	Computer Organization and Design: The Hardware/Software Interface	Patterson, D.
QA	76.9 .H85 H4125 2008	HCI Remixed: Essays on Works that Have Influenced the HCI Community	McDonald and Ericksen, eds.
QA	95 .S4699 2007	Puzzles for Programmers and Pros	Sasha, D.
QA	273.6 .P36 2007	Intermediate Probability: A Computational Approach	Paoletta, M.

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QA	274.22 .M43 2007	Stochastic Integration Theory	Medvegyev, P.
QA	276 .T27 2008	Optimal Statistical Inference In Financial Engineering	Taniguchi, H.
QA	278 .S47 2008	Multiparametric Statistics	Serdobolskii, V.
QA	312 .B67 2008	A Radical Approach To Lebesgue's Theory of Integration	Bressoud, D.
QA	342 .E54 2007	Computational Intelligence: An Introduction	Engelbrent, A.
QA	377 .O54 2008	Beginning Partial Differential Equations	O'Neil, P.
QA	432 .M357 2008	Positive Polynomials and Sums of Squares	Marshall, M.
QA	465 .W45 2007	A Measure of All Things	Whitelaw, I.
QA	614.92 .F87 2007	Index Theorem 1	Furuta, M.
T	14.5 .A5155 2008	Pandora's Box: Social and Professional Issues of the Information Age	Adams and McCrindle
T	58.5 .A54 2008	Connections: Patterns of Discovery	Alesso and Smith
TA	174 .P4738 2003	Small Things Considered: Why There is no Perfect Design	Petroski, H.
TA	177.4 .P37 2008	Fundamentals of Engineering Economics, 2 <sup>nd</sup> ed.	Park, C.
TA	403.6 .T15 2008	Transmaterial 2: a catalog of materials that redefine our physical environment	Brownwell, B.
TA	417.23 .F85 2008	Transmission Electron Microscopy and Diffractometry of Materials	Fultz, B.
TJ	163.2 .W56 2008	Energizing Our Future: Rational Choices for the 21 <sup>st</sup> Century	Wilson, J.
TJ	163.3 .V35 2008	Simple Solutions to Energy Calculations	Vaillencourt, R.
TJ	778 .S63 2008	Gas Turbines: A Handbook of Air, Land, and	Soares, C.

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		Sea Applications	
TK	<b>1055 .D565 2008</b>	Geothermal Power Plants: Principles, Applications, Case Studies and Environmental Impact 2 <sup>nd</sup> Ed.	Dipippo, R.
TK	<b>5105.888 .A3755 2006</b>	Thinking on the Web: Berners-Lee, Godel, and Turing	Alesso, H.
TK	<b>5105.8882 .C46 2008</b>	Professional Wikis	Choate, M.
TK	<b>6678 .B4613 2008</b>	Digital Television: Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework 3 <sup>rd</sup> Ed.	Benoit, H.
TK	<b>7871.85 .R563 2008</b>	Materials Science of Semiconductors	Rockett, A.
TK	<b>7871.99 .M44 C565 2007</b>	CMOS Biotechnology	Lee, H. et al., eds.
TK	<b>7872 .P38 A4 2006</b>	Digital Phase Lock Loops: Architectures and Applications	Al-Araji, S. et al.
TK	<b>7874 .B33 2004</b>	Systematic Design of Sigma-Delta Analog to Digital Converters	Bajdechi, O.
TK	<b>7881.4 .I95 2008</b>	Mixing Audia: Concepts, Practices, and Tools	Izhaki, Roey