

Engineering, Math and Computer Science Library
March 2008
New Book List

Call Number	Title	Author
	<i>New Reference Books</i>	
TJ 210 .H36 2003	Handbook of Spring Design	Spring Manufacturers Institute
	<i>New Oversize Books</i>	
TK 7868 .D5 T62 2004	Digital Systems: Principles and Applications	Tocci, R.
TP 248.27 .A53 P75 2007	Principles of Tissue Engineering	Lanza, R. et al., eds.
	<i>Other New Books</i>	
QA 76.5 .P316 1986	Parallel Processing and Medium-scale Multiprocessors	Wouk, A. ed.
QA 76.58 .C6213 1993	Introduction to Parallel Processing	Codenotti, B.
QA 76.58 .G64 1993	Scientific Computing: An Introduction with Parallel Computing	Golub, G.
QA 76.58 .T34 1991	Parallel Computation on Regular Arrays	Tchuente, M.
QA 76.642 .C49 2008	Using OpenMP: Portable Shared Memory Parallel Programming	Chapman, B.
QA 76.73 .C154 S28 2008	Computing for Numerical Methods Using Visual C++	Shaharuddin, S.
QA 76.76 .O63 G688 2008	Solaris Application Programming	Gove, D.
QA 76.76 .O63 N4185 2008	Fedora Linux Toolbox: 1000+ Commands for Fedora, CentOS, and Red Hat Power Users	Negus, C.
QA 76.76 .O63 N42676 2008	Ubuntu Linux Toolbox: 1000+ Commands for Ubuntu and Debian Power Users	Negus, C.
QA 76.889 .M42 2008	Quantum Computing Explained	McMahon, D.
QA 76.9 .A3 R43 2008	Reconfigurable Computing: The Theory and Practice of FPGA-based Computation	Hauck, S. et al., eds.

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QA	76.9 .C66 C38 2008	The Big Switch: Rewiring the World, From Edison to Google	Carr, N.
QA	76.9 .U83 J63 2008	GUI Bloopers 2.0: Common User Interface Design Don't and Dos	Johnson, J.
QA	76.95 .S523 2006	Complex Analysis with Mathematica	Shaw, W.
QA	93 .B64 2006	The Art of Mathematics: Coffee Time in Memphis	Bollobás, B.
QA	95 .H356 2007	Crimes and Mathdemeanors	Hathout, L.
QA	164 .B74 2007	Surveys in Combinatorics 2007	Hilton, A et al., eds.
QA	164 .G76 2008	Combinatorial Method With Computer Applications	Gross, J.
QA	166 .B668 2008	Graph Theory	Bondy, J.
QA	174.6 .G46 2008	Topological Methods in Group Theory	Geoghegan, R.
QA	176 .G76 2008	Group Representations, Ergodic Theory, and Mathematical Physics : A Tribute to George W. Mackey	Doran, R. et al., eds.
QA	177 .B465 2008	Classifying Spaces of Sporadic Groups	Benson, D.
QA	188 .F32 2008	Factorization of Matrix and Operator Functions: The State of Space Method	Bart, H. et al.
QA	241 .M87 2008	Problems in Analytic Number Theory	Murty, R. et al.
QA	251.5 .P64 2006	Poisson Geometry in Mathematics and Physics: An International Conference June 5-9, 2006, Tokyo, Japan	Dito, G. et al., eds.
QA	280 .M32 2008	Time Series Analysis	Henrik, M.
QA	297 .H24 2007	Essential MATLAB for Engineers and Scientists	Hahn, B.
QA	329 .I585 2005	Recent Advances in Matrix and Operator Theory	Ball, J. et al., eds.
QA	331.7 .G55 2007	Complex Analysis: In the Spirit of Lipman Bers	Gilman, J. et al.

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QA	377 .G47 2008	Singular Elliptic Problems: Bifurcation and Asymptotic Analysis	Ghergu, M.
QA	377 .P375 2007	Perspectives in Nonlinear Partial Differential Equations: In Honor of Haim Brezis	Berestycki, H. et al.
QA	440 .G46 2008	Geometry and Dynamics of Groups and Spaces: In Memory of Alexander Reznikov	Kapranov, M. et al.
QA	929 .J67 2008	Potential Flows of Viscous and Viscoelastic Fluids	Joseph, D.
QC	20.7 .D52 C66 2008	Noncommutative Geometry, Quantum Fields and Motives	Connes, A.
QC	20.7 .S64 H87 2007	Periodically Correlated Random Sequences: Spectral Theory and Practice	Hurd, H.
QC	174.45 .R54 2007	Rigorous Quantum Field Theory: A Festschrift for Jaques Bros	Boutet de Monvel, A. et al., eds.
QC	507 .B35 2007	Electricity and Magnetism: a Historical Perspective	Baigrie, B.
T	11 .B396 2005	A Guide to Writing as an Engineer, 2 nd ed.	Beer & McMurrey
T	58.5 .V354 2008	Design Science Research Methods and Patterns: Innovating Information and Communication Technology	Vaishnavi, V.
T	65.3 H45 2008	Becoming a Digital Designer: A Guide to Careers in Web, Video, Broadcast, Game and Animation Design	Heller, S.
TA	152 .H6 2001	Experimental Methods for Engineers, 7 th ed.	Holman, J.
TA	153 .W66 2007	Rules of Thumb in Engineering Practice	Woods, D.
TA	345 .B4825 2007	Excel for Scientists and Engineers: Numerical Methods	Billo, E.
TA	357.5 .F58 P72 1971	Effect of Swirl on Conical Diffuser Performance	Arbind, P.
TA	357.5 .M84 S5613 2007	Separation of Multiphase Multicomponent Systems	Sinaiskii, E.

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TA	404.23 .A66 2007	Applied Computational Materials Modeling: Theory, Simulation, and Experiment	Bozzolo, G. et al.
TA	440 .C664 2007	Concrete Heat Development: Monitoring, Prediction, and Management	Wang & Schindler
TA	683.9 C39 2007	Case Histories and Use of FRP for Prestressing Applications	El-Hacha, R. et al., eds.
TA	2020 .P5 1989	Plasma Etching: An Introduction	Flamm, D. et al., eds.
TD	193.4 .I54 2007	Introduction to Environmental Forensics	Morrison, R. et al., eds.
TD	429 .W38515 2007	Water Reuse Issues, Technologies, And Applications	Asano, T.
TJ	163.2 E4645 2007	Energy...Beyond Oil	Armstrong, F. et al., eds.
TJ	808 .S67 2007	Renewable Energy Conversion, Transmission, and Storage	Sorensen, B.
TK	153 .L425 2008	Probability, Statistics, and Random Processes For Electrical Engineering	Leon-Garcia, A.
TK	5101 .D3 1958	An Introduction to the Theory of Random Signals and Noise	Davenport, W.
TK	5101 .M37 2007 V. 1	The Cable and Telecommunications Professionals' Reference	Hill, G. ed.
TK	5101 .S695 1967	Modern Communication Principles: With Application to Digital Signaling	Stein, S.
TK	5102.5 .L82 1968	Principles of Data Communication	Lucky, R.W.
TK	5102.5 .Z75 2005	Circuits and Systems Based on Delta Modulation: Linear, Nonlinear, and Mixed Mode Processing	Zrilic, D.
TK	5102.52 .D39 2008	Patterns in Network Architecture: A Return to Fundamentals	Day, J.
TK	5103.3 .H83 2007	Bluetooth Essentials for Programmers	Huang, A.
TK	6560 .G78 2005	RF System Design of Transceivers for Wireless	Gu, Q.

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		Communications	
TK	7871.85 .M583 1988	Semiconductor Lithography: Principles, Practices, And Materials	Moreau, W.
TK	7871.85 .V36 2004	Microchip Fabrication: A Practical Guide to Semiconductor Processing	Van Zant, P.
TK	7871.99 .M44 D38 1981	Instabilities in MOS Devices	Davis, J.
TK	7872 .D48 D74 2007	Self-Organization in Sensor and Actor Networks	Dressler, F.
TK	7895 .M4 P79 1990	Cache and Memory Hierarchy Design: A Performance-Directed Approach	Przybylski, S.
TK	9185.2 .G73 M35 2007	Management of Ageing in Graphite Reactor Cores	Neighbour, G. ed.
TL	240 .H445 2008	Inter- and Intra-Vehicle Communications	Held, G.
TL	272.5 .A9813 2007	Automotive Electrics, Automotive Electronics	Bosch, R.
TP	155.2 .T45 T44 2007	Thermodynamics, Solubility, and Environmental Issues	Letcher, T. ed.
TP	248.2 .M434 2007	The Evolution of Biotechnology: From Natufians to Nanotechnology	Hewell-McGloughlin, M.
TP	360 .C38 2007	Catalysis For Renewables: From Feedstock to Energy Production	Centi & Van Santen
TP	857 .L44 2008	Glass: Mechanics and Technology	Le Bourhis, E.