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New Acquisitions List – June 2007

- LB 2836.L36 2005 Lang, J. M.  
Life on the Tenure Track: Lessons from the First Year
- Q 158.5.Q36 2007 Bruchez, M. P., et al., eds.  
Quantum Dots: Applications in Biology
- Q 172.5.C45 H69 2006 Hoyle, R.  
Pattern Formation: An Introduction to Methods
- Q 185.B5624 2007 Bishop, R. H.  
Learning LabVIEW 8
- Q 223.A38 2003 Alley, M.  
The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid
- QA 37.3.A74 2005 Arfken, G. B., et al., eds.  
Mathematical Methods for Physicists
- QA 76.73.F25 C488 2006 Chivers, I. D., et al., eds.  
Introduction to Programming with Fortran with coverage of Fortran 90, 95, 2003, and 77
- QB 603.R55 E875 2006 Esposito, L.  
Planetary Rings
- QB 991.Q36 Q36 2007 Schützhold, R., et al., eds.  
Quantum Analogues: From Phase Transitions to Black Holes and Cosmology
- QC 20.M3625 2005 Trigg, G. L., Editor  
Mathematical Tools for Physicists
- QC 20.S965 2004 Szekeres, P.  
A Course in Modern Mathematical Physics: Groups, Hilbert Space and Differential Geometry
- QC 20.T445 2007 Thijssen, J. M.  
Computational Physics
- QC 20.7.E4 K54 2006 Klein, A., et al.  
Introductory Computational Physics
- QC 20.7.E4 W36 2006 Wang, F. Y.  
Physics with Maple: The Computer Algebra Resource for Mathematical Methods in Physics
- QC 30.P59 2007 McCullough, L., et al., eds.  
2006 Physics Education Research Conference  
Syracuse, New York 26-27 July 2006
- QC 30.S93 2006 Swartz, C.  
Cliff's Nodes: Editorials from The Physics Teacher
- QC 39.S74 2006 James, F.  
Statistical Methods in Experimental Physics 2<sup>nd</sup> Edition

QC 61.P65 2007	Poole, C. P., Jr. The Physics Handbook: Fundamentals and Key Equations
QC 145.A57.v.39 2007	Davis, M., et al., eds. Annual Review of Fluid Mechanics      Volume 39, 2007
QC 173.4.P65 R83 2003	Rubinstein, M., et al. Polymer Physics
QC 174.12.G55 2004	Gilmore, R. Elementary Quantum Mechanics in One Dimension
QC 174.13.R67 2006	Rosenblum, B, et al. Quantum Enigma: Physics Encounters Consciousness
QC 174.17.S36 A45 2007	Alicki, R., et al. Quantum Dynamical Semi Groups and Applications
QC 174.45.Z45 2006 v.1	Zeidler, E. Quantum Field Theory I: Basics in Mathematics and Physics A Bridge Between Mathematicians and Physicists
QC 174.457.C64 R37 2004	Rapaport, D. C. The Art of Molecular Dynamics Simulation      Second Edition
QC 174.52.P37 D37 2006	Das, A. Field Theory: A Path Integral Approach      Second Edition
QC 174 .8.S48 2007	Sethna, J. P. Statistical Mechanics: Entropy, Order Parameters, and Complexity.
QC 174.8.Y67 2007	Yoshioka, D. Statistical Physics: An Introduction
QC 175.2.S78 2001	Succi, S. The Lattice Boltzmann Equation for Fluid Dynamics and Beyond
QC 373.S3 S47 2001	Settles, G. S. Schlieren and Shadowgraph Techniques: Visualizing Phenomena in Transparent Media
QC 441.S33 2007	Scharf, T. Polarized Light in Liquid Crystals and Polymers
QC 451.B47 2005	Bernath, P. F. Spectra of Atoms and Molecules      Second Edition
QC 495.8.O38 2005	Ohta, N., et al. Colorimetry Fundamentals and Applications
QC 611.96.P47 2007	Lewis, P. S., Editor Perspectives on Superconductivity Research
QC 680.G56 2006	Gingrich D. M. Practical Quantum Electrodynamics
QC 718.5.M36 L67 2006	Lorrain, P., et al. Magneto-Fluid Dynamics: Fundamentals and Case Studies of Natural Phenomena

QC 760.4.M37 B87 2005	Bushyager, N., et al. MRTD (Multi Resolution Time Domain) Method in Electromagnetics
QC 760 .54 .P37 2006	Yu, W., et al. Parallel Finite-Difference Time-Domain Method
QC 762.A46 v.61 2007	Webb, G. A. Annual Reports on NMR Spectroscopy                      Volume 61
QC 774.F4 C6613 2004	Bernardini, C., et al., eds. Enrico Fermi: His Work and Legacy
QC 793.5.H32 S53 2007	Papanicolas, C. N., et al., eds. Shapes of Hadrons Athens, Greece                      27-29 April 2006
QC 794.M49 2007	Meyer-Ortmanns, H., et al. Principles of Phase Structures in Particle Physics
QD 1.A55 v.58 2007	Leone, S. R., et al., eds. Annual Review of Physical Chemistry      Volume 58, 2007
Ref. QD 5.C5 2007	Lewis, R. J., Sr. Hawley's Condensed Chemical Dictionary              Fifteenth Edition
QD 96.N8 K44 2005	Keeler, J. Understanding NMR Spectroscopy
QD 251.O7 v.68 2007	Overman, L. E., et al, eds. Organic Reactions                      Volume 68
QD 381.9.S65 A34 2007	Henkel, M., et al., eds. Ageing and the Glass Transition
QD 431.C583 2007	Xu, Y., et al. Computational Methods for Protein Structure Prediction and Modeling Volume 2: Structure Prediction
QD 461.S92 v.124 2007	Mingos, D. M. P., et al, eds. Ferro-and Antiferroelectricity: Order/Disorder Versus Displacive
QD 462.6.D45 K64 2006	Kohanoff, J. Electronic Structure Calculations for Solids and Molecules: Theory and Computational Methods
QD 552.M6 no.40 2007	White, R. E., Editor Modern Aspects of Electrochemistry      no.40
QD 552.M6 no.41 2007	Vayenas, C. Modern Aspects of Electrochemistry      no.41
QD9 23.I83 1987	Ivashchenko, H. V. et al. Dyes in Liquid Crystals
QD 923 .K49 2007	Khoo, I. – C. Liquid Crystals                      Second Edition
QD 923 .K49 2007 c.2	Khoo, I. – C. Liquid Crystals                      Second Edition

QD 923.L54525 1999	Khoo, I.-C. Liquid Crystals III Proceedings of SPIE    Volume 3800
QD 923 .S53 2005	Sharma, U. M. Synthesis and physical properties of sulphur and naphthalene-containing liquid crystals
QD 923.S564 2002	Singh, S. Liquid Crystal Fundamentals
QD 941.K46x 1993 c.3	Khoo, I.-C., et al. Optics and Nonlinear Optics of Liquid Crystals
QE 1.A674.v.35 2007	Jeanloz, R., et al., eds. Annual Review of Earth and Planetary Science    Volume 35, 2007
QH 505 .J33 2006	Jackson, M. B. Molecular and Cellular Biophysics
QH 505.S449 2007	Serdyuk, I. N. Methods in Molecular Biophysics: Structure, Dynamics, Function
QH 506.T66 2007	Monastyrsky, M. I., Editor Topology in Molecular Biology: DNA and Proteins
QH 601.C84 v.58 2007	Hamill, O. P., Editor Mechanosensitive Ion Channels, Part A
QH 601.C84 v.59 2007	Hamill, O. P., Editor Mechanosensitive Ion Channels, Part B
QP 551.P6958212 2005 v.1	Buchner, J., et al., eds. Protein Folding Handbook    Volume 1
QP 551.P6958212 2005 v.2	Buchner, J., et al., eds. Protein Folding Handbook    Volume 2
QP 551.P6958212 2005 v.3	Buchner, J., et al., eds. Protein Folding Handbook    Volume 3
QP 551.P6958212 2005 v.4	Buchner, J., et al., eds. Protein Folding Handbook    Volume 4
QP 551.P6958212 2005 v.5	Buchner, J., et al., eds. Protein Folding Handbook    Volume 5
T 210.H86 2007	Hunt, D., et al. Patent Searching Tools and Techniques
TP 248.2.I78 2006	Wink, M. An Introduction to Molecular Biotechnology: Molecular Fundamentals, Methods and Application in Modern Biotechnology
TS 518.W54	Williams, E. L. Liquid Crystals for Electronic Devices