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New Acquisitions List –April & May 2005

HG 106 .S36 2005	Schmidt, A. B. Quantitative Finance for Physicists: An Introduction
Q 172 .5 .S9 L43 2004	Lederman, L. M., et al. Symmetry and the Beautiful Universe
QA 37.3.T87 2002	Turrell, G. Mathematics for Chemistry and Physics
QA 805 .K5 2004	Kibble, T. W. B., et al. Classical Mechanics 5 th Edition
QB 45 .Z428 2002	Zeilik, M. Astronomy: The Evolving Universe Ninth Edition
QB 45 .2 .K87 2003	Kutner, M. L. Astronomy: A Physical Perspective Second Edition
QB 463 .P47 2003	Perkins, D. Particle Astrophysics
QB 500 .S615 2004	Harra, L. K., et al., eds. Space Science
QB 61 .027 2004	Norton, A. J., Editor Observing the Universe
QB 62 .5 .Z45 2002	Zeilik, M. Active Learning Astronomy for Astronomy : The Evolving Universe 9 th Edition
QB 68 .P46 2003	Peterson, C. C., et al. Visions of the Cosmos
QB 637 .J63 2004	Johnston, A. K. Earth From Space
QB 857 .I67 2004	Jones, M. H., et al., eds. An Introduction to Galaxies and Cosmology
QB 981 .G58 2004	Glendenning, N. K. After the Beginning : A Cosmic Journey through Space and Time
QB 981 .M385 2004	Clark, D. H., et al. Measuring the Cosmos: How Scientists Discovered the Dimensions of the Universe
QB 981 .R69 2004	Rowan-Robinson, M. Cosmology Fourth Edition
QB 981 .S5535 2005	Silk, J. On the Shores of the Unknown: A Short History of the Universe
QC 33 .M52 2003	Melissinos, A. C., et al. Experiments in Modern Physics Second Edition

QC 173 .4 .L55 S74 2004	Stewart, I.W. The Static and Dynamic Continuum Theory of Liquid Crystals: A Mathematical Introduction
QC 173 .4 .L55 S74 2004 c.2	Stewart, I.W. The Static and Dynamic Continuum Theory of Liquid Crystals: A Mathematical Introduction
QC 173 .55 .K64 2001	Kogut, J. B. Introduction to Relativity
QC 174 .45 .A1 Q365 2005	Carow-Watamura, U., et al., eds. Quantum Field Theory and Noncommutative Geometry
QC 174 .45 .B43 2004	Bes, D. R. Quantum Mechanics: A Modern and Concise Introductory Course
QC 176 .K5 2005	Kittel, C. Introduction to Solid State Physics Eighth Edition
QC 176 .8 F74 Y3613 2004	Yamada, K. Electron Correlation in Metals
QC 176 .8 .N35 W65 2004	Wolf, E. L. Nanophysics and Nanotechnology : An Introduction to Modern Concepts in Nanoscience
QC 178 .K557 2004	Kiefer, C. Quantum Gravity
QC 351 .P7 v.45 2003	Wolf, E., et al., eds. Progress in Optics Volume 45
QC 446 .2 .G47 2005	Gerry, C. C., et al. Introductory Quantum Optics
QC 381 .F8413 1998	Fuki, A. A., et al. Geometrical Optics of Weakly Anisotropic Media
QC 611 .6 .Q35 Q358 2005	Heiss, D., Editor Quantum Dots: a Doorway to Nanoscale Physics
QC 611 .6 .S9 I583 2002	Cricenti, A., Editor EPIOPTICS-7: Proceedings of the 24 th Course of the International School of Solid State Physics
QC 611 .92 .F65 2005	Ford, P. J., et al. The Rise of the Superconductors
QC 760. D49 2004	Di Bartolo, B. Classical Theory of Electromagnetism Second Edition
QC 773 .3 .R9 K69 2004	Kojevnikov, A. B. Stalin's Great Science : The Times and Adventures of Soviet Physicists
QC 787 .L5 J65 2002	Wiedemann, H., et al., eds. Physics and Technology of Linear Accelerator Systems With accompanying CD-ROM

QC 791 .M33 2005	McCracken, G., et al. Fusion : The Energy of the Universe
QC 793 .2 .S42 2005	Seiden, A. Particle Physics : A Comprehensive Introduction
QC 793 .26 .L56 2004	Lincoln, D. Understanding the Universe from Quarks to the Cosmos
QC 793 .3 .C57 R57 2004	Ripka, G. Dual Superconductor Models of Color Confinement
QC 793 .3 .S8 W35 2004	Walecka, J. D. Theoretical Nuclear and Subnuclear Physics Second Edition
QD 794 .8 .S8 H84 2001	Goity, J. et al., eds. Quarks, Hadrons, and Nuclei: Proceedings of the 16 th and 17 th Annual HUGS at Jefferson Lab Summer School
QC 795 .M225 2004	Magill, J., et al. Radioactivity Radionuclides Radiation Including the Universal Nuclide Chart on CD-ROM
QD 1.F58 v.233	Gütlich, P., et al., eds. Spin Crossover in Transition Metal Compounds I
QD 1.F58 v.241	Yersin, H., et al., eds. Transition Metal and Rare Earth Compounds III: Excited States, Transitions, Interactions
QD 1.F58 v.2 42	Kirschning, A., et al., eds. Immobilized Catalysts: Solid Phases, Immobilization and Applications
QD 1.F58 v.2 46	Klinowski, J., et al., eds. New Techniques in Solid-State NMR
QD 1.F58 v.2 50 [v.5]	Majoral, J.-P., et al., eds. New Aspects in Phosphorus Chemistry V
QD 1.F58 v.2 52	Krause, W., et al., eds. Contrast Agents III: Radiopharmaceuticals-from Diagnostics to Therapeutics
QD 1.F58 v.2 53	Waring, M.J., et al, eds. DNA Binders and Related Subjects
QD 22 .H37 A3 2004	Hargittai, I. Our Lives: Encounters of A Scientist
QD 95 .S636 v.37 2005	Davidson, G. Spectroscopic Properties of Inorganic Volume 37
QD 151 .A45 v.57 2005	Eldik, R , et al., eds Advances in Inorganic Chemistry Volume 57
QD 181 .S6 V84 2004	Vorbrüggen, H. Silicon – mediated Transformations of Functional Groups

QD 262 .B47 2005	Berkessel, A., et al. Asymmetric Organocatalysis : From Biomimetic Concepts to Applications in Asymmetric Synthesis
QD 271 .M46 v.46 2005	Copeland, R. A. Evaluation of Enzyme Inhibitors in Drug Discovery: A Guide for Medicinal Chemists and Pharmacologists
QD 281 .P6 F6 no.175	Okubo, M., Editor Polymer Particles
QD 381 .F73 2003	Fried, J. R. Polymer Science & Technology Second edition
QD 511 .C44 2003	Zaikov, G.E. et Jimenez, A., eds. Chemical Reactions in Liquid and Solid Phase: Kinetics and Thermodynamics
QD 552 .A3 v.2 (1992)	Gerischer, H., et al., eds. Advances in Electrochemical Science and Engineering Volume 2
QD 552 .A3 v.5 (1997)	Alkire, R. C., et al., eds. Advances in Electrochemical Science and Engineering Volume 5
QD 562 .I63 S383 2004	Sata, T. Ion Exchange Membranes: Preparation, Characterization, Modification and Application
QD 923 .O8913 2005	Oswald, P., et al. The Liquid Crystals Book Series: Nematic and Cholesteric Liquid Crystals: Concepts and Physical Properties Illustrated By Experimentst.
QD 923 .O8913 2005 c.2	Oswald, P., et al. The Liquid Crystals Book Series: Nematic and Cholesteric Liquid Crystals: Concepts and Physical Properties Illustrated By Experimentst.
QH 307 .2 .L54 2004	Keinan, E., et al., eds. Life Sciences for the 21 st Century
QH 505 .D36 2001	Davidovits, P. Physics in Biology and Medicine Second Edition
Ref. QP 601 .C733 v.391 2005	Düzgüneş, N., Editor Methods in Enzymology Volume 391 Liposomes, Part E
Ref. QP 601 .C733 v.392 2005	Engelke, D. R., et al., eds. Methods in Enzymology Volume 392 RNA Interference
Ref. QP 601 .C733 v.393 2005	Young M.W., Editor Methods in Enzymology Volume 393 Circadian Rhythms
Ref. QP 601 .C733 v.394 2005	James, T. L., Editor Methods in Enzymology Volume 394 Nuclear Magnetic Resonance of Biological Macromolecules, Part C
QP 801 .V5 V5 v.70 2005	Litwack, G., Editor Vitamins and Hormones Volume 70

RS 403 .C667 2004	Li, J.-J., et al. Contemporary Drug Synthesis
TA 401. M3793 v.471-472eb	Ai, X., et al., eds. Advances in Materials Manufacturing Science and Technology
TA 418.78 .P49 2004	Hinrichsen, H., et al., eds. The Physics of Granular Media With accompanying CD-ROM
TA 418 .9 C6 K345 2005	Kaminski, M.M. Computational Mechanics of Composite Materials: Sensitivity, Randomness and Multiscale Behaviour
TA 418 .9 .S62 A38 2005	Addington, M., et al. Smart Materials and Technologies for the Architecture and Design Professionals
TA 455 .P58 P474 2004	Mark, J., et al. Physical Properties of Polymers Third Edition
TA 487 .K64 2004	Kohl, M. Shape Memory Microactuators
TA 1520 .58 2003	Masuhara, H., et al., eds. Nanophotonics: Integrating Photochemistry, Optics and Nano/Bio Materials Studies
TA 1540 .S36 2005	Schnars, U., et al. Digital Holography : Digital Hologram Recording, Numerical Reconstruction, and Related Techniques
TA 1555 .K74 2005	Kreis, T. Handbook of Holographic Interferometry: Optical and Digital Methods
TK 7878 .4 .H54 2004	Hieftje, G. M. C501 Chemical Instrumentation 2004: Lecture Notes
TK 7878 .4 .H544 2004	Hieftje, G. M. C501 Chemical Instrumentation 2004: Course Description Syllabus Experiment Manual
TK 1078 .L55 2004	Lillington, J. The Future of Nuclear Power
TJ 260 .G56 2004	Ghoshdastidar, P.S. Heat Transfer Accompanied by CD-ROM
TP 1180 .B55 S74 2002	Stevens, E. S. Green Plastics: An Introduction to the New Science of Biodegradable Plastics
Ref. Z 675 .C47 D68 2004 c.2	Douville, J. A. The Literature of Chemistry: Recommended Titles for Undergraduate Chemistry Library Collections