

Physics Library
New Book List
July 2009

Books

Barber, Enrique Maciá. *Aperiodic Structures in Condensed Matter: Fundamentals and Applications* (Series in Condensed Matter Physics)
Physics QC 173.458 .S75 B37 2009

Barrow, John D., 1952-. *Cosmic Imagery: Key Images in the History of Science*
Physics QB 981 .B2797 2008

Bokulich, Alisa. *Reexamining the Quantum-Classical Relation: Beyond Reductionism and Pluralism*
Physics QA 805 .B685 2008

Calzetta, Esteban A., 1958-. *Nonequilibrium Quantum Field Theory* (Cambridge Monographs on Mathematical Physics)
Physics QC 174.86 .N65 C35 2008

Close, F.E. *Antimatter*
Physics QC 173 .C52 2009

Di Ventra, Massimiliano. *Electrical Transport in Nanoscale Systems*
Physics QC 176.8 .N35 D55 2008

Dynamics (Handbook of Surface Science, v.3)
Physics QC 173.4 .I57 D928 2008

Field, Timothy R. *Electromagnetic Scattering from Random Media* (Internal Series of Monographs on Physics, v.144)
Physics QC 20.7 .S8 F54 2009

Fitzpatrick, Richard, 1963-. *Maxwell's Equations and the Principles of Electromagnetism*
Physics QC 670 .F545 2008

Frampton, Paul H., 1943-. *Gauge Field Theories*
Physics QC 793.3 .F5 F73 2008

Ghoniem, N.M. (Nasr Mostafa). *Instabilities and Self-Organization in Materials* (Oxford Science Publications; Monographs on the Physics and Chemistry of Materials, v.63). v.1: Fundamentals of Nanoscience; v.2: Applications in Materials Design and Nanotechnology
Physics TA 407 .G47 2008 v.1 & v.2

Gilder, Louisa. *The Age of Entanglement: When Quantum Physics was Reborn*
Physics QC 174.12 .G528 2008

Hartmann, Lee, 1950-. *Accretion Processes in Star Formation*. (Cambridge Astrophysics Series, v.47).
Physics QB 806 .H39 2009

Hooper, Dan, 1976-. *Nature's Blueprint: Supersymmetry and the Search for a Unified Theory of Matter and Force*
Physics QC 174.17 .S9 H66 2008

Ippolito, Louis J. *Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance* (Wiley Series on Wireless Communications and Mobile Computing)
Physics TK 5104 .I674 2008

Longair, M.S., 1941-. *Galaxy Formation* (Astronomy and Astrophysics Library)
Physics QB 981 .L846 2008

McLean, Ian S., 1949-. *Electronic Imaging in Astronomy: Detectors and Instrumentation*
Physics QB 51.3 .I45 M36 2008

Milone, E.F., 1939-. *Solar System Astrophysics* (Astronomy and Astrophysics Library). V.1: Background Science and the Inner Solar System; v.2: Planetary Atmospheres and the Outer Solar System
Physics QB 505 .M55 2008 v.1 & v.2

Müller, Ingo, 1936-. *A History of Thermodynamics: The Doctrine of Energy and Entropy*
Physics TJ 265 .M84 2007

Neutrinos in Particle Physics, Astrophysics and Cosmology (Scottish Graduate Series)
Physics QC 793.5 .N42 N495 2009

Nussbaumer, Harry. *Discovering the Expanding Universe*
Physics QB 981 .N86 2009

Schaaf, Fred. *The Brightest Stars: Discovering the Universe through the Sky's Most Brilliant Stars*
Physics QB 815 .S33 2008

Scharf, Caleb A., 1968-. *Extrasolar Planets and Astrobiology*
Physics QB 820 .S28 2009

Schwabl, Franz, 1938-. *Quantum Mechanics*
Physics QC 174.12 .S38713 2007

Sólyon, J. (Jenő). *Fundamentals of the Physics of Solids* v.1: Structure and Dynamics;
v.2: Electronic Properties
Physics QC 176 .S64 2007 v.1 & v.2

Stacey, F.D. (Frank D.). *Physics of the Earth*
Physics QC 806 .S65 2008

Stellar Spectral Classification (Princeton Series in Astrophysics)
Physics QB 881 .G73 2009

Suisky, Dieter. *Euler as Physicist*
Physics QC 7 .S85 2009

Tsallis, Constantino. *Introduction to Nonextensive Statistical Mechanics: Approaching a
Complex World*
Physics QC 174.8 .T735 2009

Weyl, Hermann, 1885-1955. *Mind and Nature: Selected Writings on Philosophy,
Mathematics, and Physics*
Physics QA 8.4 .W49 2009

Woods, W. David. *How Apollo Flew to the Moon*
Physics TL 799 .M6 W66 2008

Reference

Buta, Ronald James. *The de Vaucouleurs Atlas of Galaxies*
Physics Reference Oversize QB 857 .B88 2007

A Dictionary of Physics
Physics Reference QC 5 .D56 2009

Fischer-Cripps, Anthony C. *The Materials Physics Companion*
Physics Reference QC 21.3 .F568 2008