

The following recently published books, relevant to materials research, have come to *MRS Bulletin's* attention. Some of the books listed here may be reviewed in future issues of *MRS Bulletin*. To review a book from the list or to offer recommendations of additional books, contact Editorial Assistant, *MRS Bulletin*, 506 Keystone Drive, Warrendale, PA 15086-7573, USA; e-mail [bulletin@mrs.org](mailto:bulletin@mrs.org).

**Books**

**A Window into Zeta and Modular Physics**, Klaus Kirsten and Floyd L. Williams, Editors, Cambridge University Press, 2010, 360 pp., \$90.00, ISBN: 978-0-521-19930-8.

**A Zeptospace Odyssey—A Journey into the Physics of the LHC**, Gian Francesco Giudice, Oxford University Press, 2009, 256 pp., \$45.00, ISBN: 978-0-19-958191-7.

**Acoustic Microscopy, Second Edition**, Andrew Briggs and Oleg Kolosov, Oxford University Press, 2009, 384 pp., \$110.00, ISBN: 978-0-19-923273-4.

**Atomic Force Microscopy**, Peter Eaton and Paul West, Oxford University Press, 2010, 288 pp., \$99.00, ISBN: 978-0-19-957045-4.

**Condensed Matter Field Theory, 2nd Edition**, Alexander Altland and Ben D. Simons, Cambridge University Press, 2010, 786 pp., \$90.00, ISBN: 978-0-521-76975-4.

**Diamond Nanotechnology—Synthesis and Applications**, James C. Sung and Jianping Lin, Pan Stanford, 2009, 260 pp., \$149.00, ISBN: 978-981-4241-41-0.

**Explaining Research—How to Reach Key Audiences to Advance Your Work**, Dennis Meredith, Oxford University Press, 2010, 376 pp., \$35.00, ISBN: 978-0-19-973205-0.

**Introduction to Electrical Interfacial Phenomena**, K.S. Birdi, Editor, Taylor & Francis/CRC, 2010, 180 pp., \$119.95, ISBN: 978-1-4200-5369-2.

**Introduction to Nanophotonics**, Sergey V. Gaponenko, Cambridge University Press, 2010, 484 pp., \$78.00, ISBN: 978-0-521-76375-2.

**Molecular Forces and Self Assembly—In Colloid, Nano Sciences and Biology**, Barry W. Ninham and Pierandrea Lo Nostro, Cambridge University Press, 2010, 362 pp., \$78.00, ISBN: 978-0-521-89600-9.

**Molecular Modeling Basics**, Jan H. Jensen, Taylor & Francis/CRC, 2010, 189 pp., \$49.95, ISBN: 978-1-4200-7526-7.

**Molecular Theory of Water and Aqueous Solutions—Part 1: Understanding Water**, Arieh Ben-Naim, World Scientific, 2009, 660 pp., \$98.00, ISBN: 978-981-283-760-8.

**Nanotechnology for Photovoltaics**, Loucas Tsakalacos, Taylor & Francis/CRC, 2010, 458 pp., \$119.95, ISBN: 978-1-4200-7674-5.

**Numerical Methods in Engineering with Python, Second Edition**, Jaan Kiusalaas, Cambridge University Press, 2010, 432 pp., \$99.00, ISBN: 978-0-521-19132-6.

**Quantum Theory at the Crossroads—Reconsidering the 1927 Solvay Conference**, Guido Bacciagaluppi and Antony Valentini, Cambridge University Press, 2009, 556 pp., \$126.00, ISBN: 978-0-521-81421-8.

**Remarkable Engineers—From Riquet to Shannon**, Ioan James, Cambridge University Press, 2010, 218 pp., \$85.00, ISBN: 978-0-521-73165-2.

**Science at the Nanoscale—An Introductory Textbook**, Chin Wee Shong, Sow Chong Haur, and Andrew T.S. Wee, Pan Stanford, 2009, 228 pp., \$88.00, ISBN: 978-981-4241-03-8.

**Statistical Mechanics: Theory and Molecular Simulation**, Mark E. Tuckerman, Oxford University Press, 2010, 712 pp., \$90.00, ISBN: 978-0-19-852526-4.

**Stem Cells For Dummies**, Lawrence S.B. Goldstein, Meg Schneider, Wiley, 2010, 348 pp., \$21.99, ISBN: 978-0-470-25928-3.

**The Aqueous Chemistry of the Elements**, George K. Schweitzer and Lester L. Pesterfield, Oxford University Press, 2009, 448 pp., \$99.00, ISBN: 978-0-19-539335-4.

**The Hancocks of Marlborough—Rubber, Art and the Industrial Revolution—A Family of Inventive Genius**, John Loadman and Francis James, Oxford University Press, 2009, 320 pp., \$49.95, ISBN: 978-0-19-957355-4.

**The New Physics—For the Twenty-First Century**, Gordon Fraser, Editor, Cambridge University Press, 2009, 556 pp., \$34.99, ISBN: 978-0-521-14002-7.

**Theoretical and Computational Methods in Mineral Physics: Geophysical Applications**, Renata Wentzcovitch and Lars Stixrude, Editors, Mineralogical Society of America, 2010, 484 pp., \$40.00, ISBN: 978-0-939950-85-0.

**Thin-Film Optical Filters, 4th Edition**, H. Angus Macleod, Taylor & Francis/CRC, 2010, 800 pp., \$139.95, ISBN: 978-1-4200-7302-7. □


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