

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.

Books

Applications of Materials

Handbook of Fiber Chemistry, Third Edition, Menachem Lewin, Taylor & Francis/CRC Press, 2006, 1044 pp., \$229.95, ISBN: 978-0-8247-2565-5.

Kirk-Othmer Encyclopedia of Chemical Technology, 27 Volume Set, Fifth Edition, Kirk-Othmer, Wiley, 2004, 22950 pp., \$7,850.00, ISBN: 978-0-471-48494-3.

Biomaterials

Functional Organic Materials—Syntheses, Strategies, and Applications, Thomas J.J. Müller and Uwe H.F. Bunz, Editors, Wiley, 2007, 612 pp., \$325.00, ISBN: 978-3-527-31302-0.

Experimental Techniques

Magnetic Circular Dichroism Spectroscopy, W. Roy Mason, Wiley, 2007, 240 pp., \$125.00, ISBN: 978-0-470-06978-3.

Spectroscopic Ellipsometry—Principles and Applications, Hiroyuki Fujiwara, Wiley, 2007, 388 pp., \$180.00, ISBN: 978-0-470-01608-4.

Vibrational Spectroscopy of Polymers: Principles and Practice, Neil Everall, Peter R. Griffiths, and John M. Chalmers, Editors, Wiley, 2007, 586 pp., \$235.00, ISBN: 978-0-470-01662-6.

Inorganic Chemistry, Other Chemistry, and Ceramics

Global Roadmap for Ceramics and Glass Technology, with CD-ROM, Stephen Frieman, Mrityunjay Singh, Gary S. Fischman, John Hellmann, Kathryn Logan, Tom Coyle, Linn Hobbs, Jeff Smith, Costa Sideridis, Marty Green, and Robert D. Cook, Wiley, 2007, 968 pp., \$295.00, ISBN: 978-0-470-10491-0.

Physics and Electronics

Adsorption and Diffusion in Nanoporous Materials, Rolando M.A. Roque-Malherbe, Taylor & Francis/CRC Press, 2007, 288 pp., \$129.95, ISBN: 978-1-4200-4675-5.

Classical Charged Particles, Third Edition, Fritz Rohrlich, World Scientific, 2007, 324 pp., \$58.00, ISBN: 978-981-270-004-9.

Extended Defects in Semiconductors—Electronic Properties, Device Effects, and Structures, D.B. Holt and B.G. Yacobi, Cambridge University Press, 2007, 631 pp., \$160.00, ISBN: 978-0-521-81934-3.

Quantum Information with Continuous Variables of Atoms and Light, N.J. Cerf, G. Leuchs, and E.S. Polzik, Editors, Imperial College Press, 2007, 632 pp., \$78.00, ISBN: 978-1-86094-776-6.

Polymer Chemistry

Cotton Fiber Chemistry and Technology, P.J. Wakelyn, N.R. Bertoniere, A.D. French, D.P. Thibodeaux, B.A. Triplett, M.-A. Rousselle, W.R. Goynes, Jr., J.V. Edwards, L. Hunter, D.D. McAlister, and G.R. Gamble, Taylor & Francis/CRC Press, 2006, 162 pp., \$139.95, ISBN: 978-1-4200-4587-1.

Macromolecules Containing Metal and Metal-Like Elements, Volume 8, Boron-Containing Particles, Alaa S. Abd-El-Aziz, Charles E. Carraher, Jr., Charles U. Pittman, Jr., and Martel Zeldin, Wiley, 2007, 224 pp., \$150.00, ISBN: 978-0-471-73012-5.

Physical Chemistry of Macromolecules, Gary Patterson, Taylor & Francis/CRC Press, 2007, 152 pp., \$79.95, ISBN: 978-0-8247-9467-5.

Polymer Chemistry, Second Edition, Paul C. Hiemenz and Timothy P. Lodge, Taylor & Francis/CRC Press, 2007, 608 pp., \$99.95, ISBN: 978-1-57444-779-8.

Powders and Fibers—Interfacial Science and Applications, Michael Nardin and Eugène Papirer, Editors, Taylor & Francis/CRC Press, 2006, 660 pp., \$199.95, ISBN: 978-1-57444-513-8. □