

New Books

Popularizations

Glowing Genes: A Revolution in Biotechnology. M. Zimmer. Prometheus Books, Amherst, NY, 2005. \$28.00 (221 pp.). ISBN 1-59102-253-3

Many Skies: Alternative Histories of the Sun, Moon, Planets, and Stars. A. Uppgren. Rutgers U. Press, New Brunswick, NJ, 2005. \$24.95 (198 pp.). ISBN 0-8135-3512-3

Petit Point: A Candid Portrait on the Aberrations of Science. P.-G. de Gennes. DL/World Scientific, Hackensack, NJ, 2004. \$14.00 *paper* (72 pp.). ISBN 981-256-011-4

Puzzling Adventures: Tales of Strategy, Logic, and Mathematical Skill. D. E. Shasha. W. W. Norton, New York, 2005. \$15.95 *paper* (227 pp.). ISBN 0-393-32663-2

The Quantum Quark. A. Watson. Cambridge U. Press, New York, 2004. \$30.00 (464 pp.). ISBN 0-521-82907-0

Understanding the Universe: From Quarks to the Cosmos. D. Lincoln. World Scientific, River Edge, NJ, 2004. \$88.00, \$28.00 *paper* (567 pp.). ISBN 981-238-703-X, ISBN 981-238-705-6 *paper*

Virtual LM: A Pictorial Essay of the Engineering and Construction of the

Apollo Lunar Module—The Historic Spacecraft that Landed Man on the Moon. S. P. Sullivan. *Apogee Books Space Series 47*. Apogee Books, Burlington, Canada, 2004. \$29.95 *paper* (249 pp.). ISBN 1-894959-14-0, *CD-ROM*

Weighing the Soul: Scientific Discovery from the Brilliant to the Bizarre. L. Fisher. Arcade Publishing, New York, 2004. \$25.00 (248 pp.). ISBN 1-55970-732-1

Society and Government

The Bomb: A Life. G. J. DeGroot. Harvard U. Press, Cambridge, MA, 2005. \$27.95 (397 pp.). ISBN 0-674-01724-2

NASA Office of Space Science Education and Public Outreach Conference. C. Narasimhan, B. Beck-Winchatz, I. Hawkins, C. Runyon, eds. *Astronomical Society of the Pacific Conference Proceedings 319*. Proc. mtg., Chicago, June 2002. Astronomical Society of the Pacific, San Francisco, 2004. \$77.00 (482 pp.). ISBN 1-58381-181-8

Shades of Gray: National Security and the Evolution of Space Reconnaissance. L. P. Temple III. American Institute of Aeronautics and Astronautics, Reston, VA, 2005. \$49.95 (613 pp.). ISBN 1-56347-723-8

Space and Planetary Science

Europa—The Ocean Moon: Search for an Alien Biosphere. R. Greenberg.

Springer-Praxis Books in Geophysical Sciences. Praxis/Springer-Verlag, New York, 2005. \$89.95 (380 pp.). ISBN 3-540-22450-5

Methods of Celestial Mechanics. Vol. 1: Physical, Mathematical, and Numerical Principles. G. Beutler. Springer-Verlag, New York, 2005. \$99.00 (464 pp.). ISBN 3-540-40749-9, *CD-ROM*

Methods of Celestial Mechanics. Vol. 2: Application to Planetary System, Geodynamics and Satellite Geodesy. G. Beutler. Springer-Verlag, New York, 2005. \$99.00 (448 pp.). ISBN 3-540-40750-2, *CD-ROM*

The Origin of Chondrules and Chondrites. D. W. G. Sears. *Cambridge Planetary Science 3*. Cambridge U. Press, New York, 2004. \$110.00 (209 pp.). ISBN 0-521-83603-4

Solar and Space Weather Radio-physics: Current Status and Future Developments. D. E. Gary, C. U. Keller, eds. *Astrophysics and Space Science Library 314*. Kluwer Academic, Norwell, MA, 2004. \$159.00 (394 pp.). ISBN 1-4020-2813-X

Statistical Physics and Thermodynamics

Analysis of Heat Equations on Domains. E. M. Ouhabaz. *London Mathematical Society Monograph Series*. Princeton U. Press, Princeton, NJ, 2005. \$60.00 (284 pp.). ISBN 0-691-12016-1 ■