



Richard Feynman as a student at MIT. [From "Most of the Good Stuff"; Joan Feynman]

Physics Today papers, authored by John Wheeler, Freeman Dyson, Julian Schwinger, Murray Gell-Mann, James Bjorken, David Pines, David Goodstein, Daniel Hillis, and Valentin Telegdi. But among these have been interspersed further essays by Hans Bethe (on Feynman at Los Alamos and Cornell), Laurie Brown (on being a student of Feynman's), Michael Cohen (on contacts at Cornell and after), Marvin Goldberger (on being Feynman's "boss" at the California Institute of Technology), and John Rigden (on Feynman's "last public performance," at a colloquium on high school physics teaching). Another addition is a memoir by Feynman's sister Joan, herself a physicist, who has also provided a number of family photographs for inclusion in the book. The collection is introduced by an essay by the editors (which gives an erroneous date for the original presentation of the papers) and concludes with a bibliography of Feynman's publications prepared by Caltech's archivists.

—Katherine Livingston

Books Received

Aluminium in Biology and Medicine. Wiley, New York, 1992. x, 316 pp., illus., + plates. \$75. Ciba Foundation Symposium, 169. From a symposium, London, Nov. 1991.

American Socialists and Evolutionary Thought, 1870–1920. Mark Pittenger. University of Wisconsin Press, Madison, 1993. x, 310 pp. \$60; paper, \$24.95. History of American Thought and Culture.

Aquatic Pollution. An Introductory Text. Edward A. Laws. 2nd ed. Wiley, New York, 1993. x, 611 pp., illus. \$54.95. Environmental Science and Technology.

Aspects of Combinatorics. A Wide-Ranging In-

roduction. Victor Bryant. Cambridge University Press, New York, 1993. viii, 266 pp., illus. \$64.95; paper, \$29.95.

Behaviour of Teleost Fishes. Tony J. Pitcher, Ed. 2nd ed. Chapman and Hall, New York, 1993. xx, 715 pp., illus. \$125; paper, \$55.

Biological Anomalies. Humans II. A Catalog of Biological Anomalies. William R. Corliss, compiler. Sourcebook Project, Glen Arm, MD, 1993. vi, 292 pp., illus. \$19.95.

Cancer Watch. Vol. 1. Mukti H. Sarma, Ed. Adenine Press, Schenectady, NY, 1992. 192 pp., illus. \$45. Augmented reprint of *Cancer Watch*, Jan-Dec 1992.

Carbohydrates and Carbohydrate Polymers. Analysis, Biotechnology, Modification, Antiviral, Biomedical and Other Applications. Manssur Yalpani, Ed. ATL, Mt. Prospect, IL, 1993. vi, 314 pp., illus. \$175. Frontiers in Biomedicine and Biotechnology, vol. 1. From a symposium, Washington, DC, Aug. 1992.

Depression in Neurologic Disease. Sergio E. Starkstein and Robert G. Robinson, Eds. Johns Hopkins University Press, Baltimore, MD, 1993. x, 246 pp., illus. \$55. Johns Hopkins Series in Psychiatry and Neuroscience.

The Design and Analysis of Parallel Algorithms. Justin R. Smith. Oxford University Press, New York, 1993. xviii, 510 pp., illus. \$75.

Ecology 2. Paul Colinvaux. Wiley, New York, 1993. xvi, 688 pp., illus. \$57.95.

Exploring Planetary Worlds. David Morrison. Scientific American Library (HPHLP), New York, 1993 (distributor, Freeman, New York). x, 238 pp., illus. \$32.95.

Ferroelectric Crystals. Franco Jona and G. Shirane. Dover, New York, 1993. x, 402 pp., illus. Paper, \$12.95. Dover Books on Engineering. Reprint, 1962 ed.

Fundamental Aspects of Combustion. Amable Liñán and Forman A. Williams. Oxford University Press, New York, 1993. xii, 167 pp., illus. \$35. Oxford Engineering Science Series, 33.

Group Theory and Chemistry. David M. Bishop. Dover, New York, 1993. xx, 300 pp., illus. Paper, \$8.95. Dover Books on Physics and Chemistry. Augmented and revised reprint, 1973 ed.

Functional Anatomy of the Neuro-Endocrine Hypothalamus. Wiley, New York, 1992. x, 300 pp., illus. \$75. Ciba Foundation Symposium, 168. From a symposium, Budapest, Oct. 1991.

Global Climate Change. Implications, Challenges, and Mitigation Measures. S. K. Majumdar *et al.*, Eds. Pennsylvania Academy of Science, Easton, 1992. xviii, 566 pp., illus. \$40. Pennsylvania Academy of Science Publication no. 17.

Hadronic Mechanics and Nonpotential Interactions. Hyo Chul Myung, Ed. Nova, Commack, NY, 1992. 2 vols. Part 1, Mathematics. xvi, 292 pp., illus. \$139. Part 2, Physics. xviii, 431 pp., illus. \$145. From a conference, Cedar Falls, IA, Aug. 1990.

How to Stop Crime. Anthony V. Bouza. Plenum, New York, 1993. xii, 435 pp. \$24.95.

The Idea of Wilderness. From Prehistory to the Age of Ecology. Max Oelschlaeger. Yale University Press, New Haven, CT, 1993. xiv, 477 pp. Paper, \$18. Reprint, 1991 ed.

Instability, Chaos, and Predictability in Celestial Mechanics and Stellar Dynamics. K. B. Bhatnagar, Ed. Nova, Commack, NY, 1993. xviii, 450 pp., illus. \$92. From a colloquium, Delhi, India, Oct. 1990.

Interactions Among Cell Signalling Systems. Wiley, New York, 1992. xii, 268 pp., illus. \$75. Ciba Foundation Symposium, 164. From a symposium, Port Island, Kobe, Japan, April 1991.

Iron Chelation in Plants and Soil Microorganisms. Larry L. Barton and Bruce C. Hemming, Eds. Academic Press, San Diego, CA, 1993. xvi, 490 pp., illus. \$99.

Laboratory Fume Hoods. A User's Manual. G. Thomas Saunders. Wiley, New York, 1993. xviii, 123 pp., illus. \$34.95.

Legends in Their Own Time. A Century of American Physical Scientists. Anthony Serafini. Plenum, New York, 1993. xviii, 361 pp. \$27.50.

Living within Limits. Ecology, Economics, and Population Taboos. Garrett Hardin. Oxford University

Press, New York, 1993. x, 339 pp., illus. \$25.

Making the Market Right for the Efficient Use of Energy. B. N. Kursunoglu, Ed. Nova, Commack, NY, 1992. xx, 232 pp., illus. \$76. From a forum, Washington, DC, Oct. 1991.

Marihuana, the Forbidden Medicine. Lester Grinspoon and James B. Bakalar. Yale University Press, New Haven, CT, 1993. xiv, 184 pp., illus. \$22.50.

Math Worlds. Philosophical and Social Studies of Mathematics and Mathematics Education. Sal Restivo, Jean Paul van Bendegem, and Roland Fischer, Eds. State University of New York Press, Albany, 1993. vi, 292 pp., illus. \$54.50; paper, \$17.95. SUNY Series in Science, Technology, and Society.

Milestones in Human Evolution. Alan J. Almquist and Anne Manyak. Waveland, Prospect Heights, IL, 1993. xiv, 273 pp., illus. Paper, \$13.95.

Negotiating the New Ocean Regime. Robert L. Friedheim. University of South Carolina Press, Columbia, 1993. xvi, 418 pp., illus. \$49.95.

Nobel Lectures Including Presentation Speeches and Laureates' Biographies. Chemistry, 1981–1990. Tore Frängsmyr and Bo G. Malmström, Eds. World Scientific, River Edge, NJ, 1992. x, 708 pp., illus. \$96; paper, \$48.

Policy Perspectives on Educational Testing. Bernard R. Gifford, Ed. Kluwer, Norwell, MA, 1993. x, 406 pp., illus. \$87.50. Evaluation in Education and Human Services.

Polyfunctional Cytokines. IL-6 and LIF. Wiley, New York, 1992. x, 279 pp., illus. \$75. Ciba Foundation Symposium, 167. From a symposium, London, Oct. 1991.

Postponing Parenthood. The Effect of Age on Reproductive Potential. Gale A. Sloan. Plenum, New York, 1993. xii, 286 pp. \$26.50.

Pulsed Field Gel Electrophoresis. A Practical Guide. Bruce Birren and Eric Lai. Academic Press, San Diego, CA, 1993. xviii, 253 pp., illus. Spiral bound, \$39.95.

Retroviruses of Human AIDS and Related Animal Diseases. Marc Girard and Louis Valette, Eds. Fondation Marcel Merieux, Lyon, France, 1993. xxviii, 369 pp., illus. Paper, 200 F. From a colloquium, Paris, Oct. 1992.

The Riddle of Gravitation. Peter G. Bergmann. Dover, New York, 1992. xxii, 233 pp., illus. Paper, \$7.95. Augmented reprint, 1987 ed.

Rypins' Clinical Sciences Review. Edward D. Frohlich, Ed. 16th ed. Lippincott, Philadelphia, 1993. xiv, 431 pp., illus. Paper, \$29.50.

Scaphitid Ammonites of the Upper Cretaceous (Maastrichtian) Fox Hills Formation in South Dakota and Wyoming. Neil H. Landman and Karl M. Waage. American Museum of Natural History, New York, 1993. 257 pp., illus. Paper, \$29. *Bulletin of the American Museum of Natural History*, no. 215.

Science as a Way of Knowing. The Foundations of Modern Biology. John A. Moore. Harvard University Press, Cambridge, MA, 1993. xii, 530 pp., illus. \$29.95.

Science in the Subarctic. Trappers, Traders, and the Smithsonian Institution. Debra Lindsay. Smithsonian Institution Press, Washington, DC, 1993. xviii, 176 pp. + plates. \$34.

Soils and the Environment. An Introduction. Alan Wild. Cambridge University Press, New York, 1993. xx, 287 pp., illus. \$69.95; paper, \$24.95.

Synoptic-Dynamic Meteorology in Midlatitudes. Vol. 2, Observations and Theory of Weather Systems. Howard B. Bluestein. Oxford University Press, New York, 1993. xii, 594 pp., illus. \$65.

Theory and Technology of High Temperature Superconductors. Yu. I. Koptev, Ed. Nova, Commack, NY, 1993. vi, 159 pp., illus. \$81. Ioffe Physico-technical Institute Research Series.

Ulendo. Travels of a Naturalist In and Out of Africa. Archie Carr. University Press of Florida, Gainesville, 1993. xxiv, 303 pp., illus., + plates. Paper, \$16.95. Reprint, 1964 ed.

Universal Ice. Science and Ideology in the Nazi State. Robert Bowen. Belhaven, London, 1993. xvi, 189 pp. + plates. \$59.

The Unnatural Nature of Science. Lewis Wolpert. Harvard University Press, Cambridge, MA, 1993. xiv, 191 pp. \$19.95.