

Physics in Perspective
Volumes 1-15 (1999-2013) Index

Editorials

| | |
|---|----------------|
| <i>Rigden, John S. and Roger H. Stuewer: Physics in Perspective.....</i> | 1, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: A Ticket to Science Sights.....</i> | 1, 121 |
| <i>Rigden, John S. and Roger H. Stuewer: The Conservative Character of Science.....</i> | 1, 229 |
| <i>Rigden, John S. and Roger H. Stuewer: From Outward and Inward to Where?.....</i> | 1, 343 |
| <i>Rigden, John S. and Roger H. Stuewer: Is Humor Missing in Physics?.....</i> | 2, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Copenhagen.....</i> | 2, 115 |
| <i>Rigden, John S. and Roger H. Stuewer: The Vitality of Youth Energizes Physics.....</i> | 2, 221 |
| <i>Rigden, John S. and Roger H. Stuewer: The Quantum At Its Centenary.....</i> | 2, 333 |
| <i>Rigden, John S. and Roger H. Stuewer: Good Theories Make For Good Experiments.....</i> | 3, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: "With these dark words begins my tale".....</i> | 3, 133 |
| <i>Rigden, John S. and Roger H. Stuewer: Celebrate Facts.....</i> | 3, 255 |
| <i>Rigden, John S. and Roger H. Stuewer: Physics in a New Era.....</i> | 3, 377 |
| <i>Rigden, John S. and Roger H. Stuewer: Realism and the Contraction of "Pure" Physics.....</i> | 4, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: The Lure of a Simple Story.....</i> | 4, 125 |
| <i>Rigden, John S. and Roger H. Stuewer: Victor Frederick Weisskopf, September 19, 1908-April 21, 2002.....</i> | 4, 251 |
| <i>Rigden, John S. and Roger H. Stuewer: Physics in Crisis?.....</i> | 4, 367 |
| <i>Rigden, John S. and Roger H. Stuewer: Stop the Physics Centrifuge.....</i> | 5, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Globalization of Nuclear Weapons?.....</i> | 5, 127 |
| <i>Rigden, John S. and Roger H. Stuewer: Two Twin Paradoxes.....</i> | 5, 241 |
| <i>Rigden, John S. and Roger H. Stuewer: Faith, Reason, and Physics in Perspective.....</i> | 5, 357 |
| <i>Rigden, John S. and Roger H. Stuewer: Is Physics Simple? Yes and No.....</i> | 6, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Science Questions Nature and Nature Answers.....</i> | 6, 123 |
| <i>Rigden, John S. and Roger H. Stuewer: Ideology and Science; Science and Ideology.....</i> | 6, 249 |
| <i>Rigden, John S. and Roger H. Stuewer: J. Robert Oppenheimer: Brilliance and Charisma.....</i> | 6, 369 |
| <i>Rigden, John S. and Roger H. Stuewer: 2005: The World Year of Physics.....</i> | 7, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: "Lest We Forget...".....</i> | 7, 135 |
| <i>Rigden, John S. and Roger H. Stuewer: Faith of Our Fathers.....</i> | 7, 265 |
| <i>Rigden, John S. and Roger H. Stuewer: Do Physicists Understand Physics?.....</i> | 7, 387 |
| <i>Rigden, John S. and Roger H. Stuewer: Physics in Perspective: New Features to Begin the Eighth Year</i> | 8, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: PSSC Physics, Eisenhower, and Today, 50 Years Later..</i> | 8, 113 |
| <i>Rigden, John S. and Roger H. Stuewer: Remember the Basics.....</i> | 8, 233 |
| <i>Rigden, John S. and Roger H. Stuewer: The Meek Weak.....</i> | 8, 357 |
| <i>Rigden, John S. and Roger H. Stuewer: FAPP.....</i> | 9, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Will the U.S. Lead or Follow?.....</i> | 9, 127 |
| <i>Rigden, John S. and Roger H. Stuewer: Does Nature Hide Its Cosmic Face?.....</i> | 9, 263 |
| <i>Rigden, John S. and Roger H. Stuewer: Physicists: Head and Heart</i> | 9, 387 |
| <i>Rigden, John S. and Roger H. Stuewer: Gates to Heaven, Gates to Hell.....</i> | 10, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Will Economics End the Physics that Captivates the Public?</i> | 10, 135 |
| <i>Rigden, John S. and Roger H. Stuewer: Too Much, Too Much.....</i> | 10, 255 |
| <i>Rigden, John S. and Roger H. Stuewer: Public Intellectuals Needed</i> | 10, 377 |
| <i>Rigden, John S. and Roger H. Stuewer: Will It Be a Bang or a Whimper?.....</i> | 11, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Where Are the Fundamental Problems?.....</i> | 11, 117 |
| <i>Rigden, John S. and Roger H. Stuewer: The SSC and the Hubble: A Predictable Lesson for Physicists</i> | 11, 241 |
| <i>Rigden, John S. and Roger H. Stuewer: Is the Romance with Formalism Hurting Physics?.....</i> | 11, 355 |
| <i>Rigden, John S. and Roger H. Stuewer: Physicists Can Calibrate Themselves.....</i> | 12, 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Are Talks By Physicists Weakened By Their Props?...</i> | 12, 119 |
| <i>Rigden, John S. and Roger H. Stuewer: Has the Media Forgotten Physics?.....</i> | 12, 245 |
| <i>Rigden, John S. and Roger H. Stuewer: Can the Humanities Help Science?.....</i> | 12, 369 |
| <i>Rigden, John S. and Roger H. Stuewer: Constancy Directs Change.....</i> | 13, 1 |

| | |
|--|-----------------|
| <i>Rigden, John S. and Roger H. Stuewer: Scientific Research: Reason and Emotion</i> | 13 , 125 |
| <i>Rigden, John S. and Roger H. Stuewer: Is It the Public? Is It the Scientist?</i> | 13 , 257 |
| <i>Rigden, John S. and Roger H. Stuewer: America in Decline</i> | 13 , 385 |
| <i>Rigden, John S. and Roger H. Stuewer: Manipulated Data Does Not Escape Notice</i> | 14 , 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Understanding of Quantum Mechanics Eludes Physicists for Eighty-Six Years</i> | 14 , 123 |
| <i>Rigden, John S. and Roger H. Stuewer: Knowledge and Appreciation Based on Understanding</i> | 14 , 255 |
| <i>Rigden, John S. and Roger H. Stuewer: Anti-science: It Comes From the Top</i> | 14 , 389 |
| <i>Rigden, John S. and Roger H. Stuewer: Don't Forget the Liberal Arts</i> | 15 , 1 |
| <i>Rigden, John S. and Roger H. Stuewer: Enlightenment is Dimming in the United States</i> | 15 , 127 |
| <i>Rigden, John S. and Roger H. Stuewer: Seventeen Particles and One Molecule</i> | 15 , 253 |
| <i>Rigden, John S. and Roger H. Stuewer: We Shall Be Like the Trees</i> | 15 , 371 |

Articles

| | |
|--|-----------------|
| <i>Acocella, Giovanni, Francesco Guerra, and Nadia Robotti: Enrico Fermi's Discovery of Neutron- Induced Artificial Radioactivity: The Recovery of His First Laboratory Notebook</i> | 6 , 29 |
| <i>Alpher, Victor S.: Ralph A. Alpher, Robert C. Herman, and the Cosmic Microwave Background Radiation</i> | 14 , 300 |
| <i>Arns, Robert G.: Detecting the Neutrino</i> | 3 , 314 |
| <i>Badash, Lawrence: American Physicists, Nuclear Weapons in World War II, and Social Responsibility</i> | 7 , 138 |
| <i>Badash, Lawrence: Nuclear Winter: Scientists in the Political Arena</i> | 3 , 76 |
| <i>Badash, Lawrence: The Near-Appointment of Linus Pauling at the University of California, Santa Barbara</i> | 11 , 4 |
| <i>Badino, Massimiliano and Bretislav Friedrich: Much Polyphony but Little Harmony: Otto Sackur's Groping for a Quantum Theory of Gases</i> | 15 , 295 |
| <i>Barschall, H.H.: Reminiscences</i> | 1 , 390 |
| <i>Bederson, Benjamin: SEDs at Los Alamos: A Personal Memoir</i> | 3 , 52 |
| <i>Bederson, Benjamin and H. Henry Stroke: History of the New York University Physics Department</i> | 13 , 260 |
| <i>Bernardini, Carlo: AdA: The First Electron-Positron Collider</i> | 6 , 156 |
| <i>Bernstein, Jeremy: John Bell and the Identical Twins</i> | 10 , 269 |
| <i>Bernstein, Jeremy: John von Neumann and Klaus Fuchs: An Unlikely Collaboration</i> | 12 , 36 |
| <i>Bernstein, Jeremy: The Drawing or Why History is Not Mathematics</i> | 5 , 243 |
| <i>Bethe, Hans A.: Sommerfeld's Seminar</i> | 2 , 3 |
| <i>Børresen, Hans Christofer: Flawed Nuclear Physics and Atomic Intelligence in the Campaign to deny Norwegian Heavy Water to Germany, 1942-1944</i> | 14 , 471 |
| <i>Bonolis, Luisa: Bruno Rossi and the Racial Laws of Fascist Italy</i> | 13 , 58 |
| <i>Borowitz, Sidney: The Norwegian and the Englishman</i> | 10 , 287 |
| <i>Boyd, T. James M.: George Hartley Bryan, Ludwig Boltzmann, and the Stability of Flight</i> | 14 , 4 |
| <i>Brown, Harvey R.: The Theory of the Rise of Sap in Trees: Some Historical and Conceptual Remarks</i> .. | 15 , 320 |
| <i>Brown, Laurie M.: Paul A.M. Dirac's <i>The Principles of Quantum Mechanics</i></i> | 8 , 381 |
| <i>Brush, Stephen G.: Why was Relativity Accepted?</i> | 1 , 184 |
| <i>Cassidy, David C.: New Light on <i>Copenhagen</i> and the German Nuclear Project</i> | 4 , 447 |
| <i>Chalmers, Alan: Maxwell, Mechanism, and the Nature of Electricity</i> | 3 , 425 |
| <i>Chang, Hasok: Rumford and the Reflection of Radiant Cold: Historical Reflections and Metaphysical Reflexes</i> | 4 , 127 |
| <i>Chen, Xiang: Measuring Reflective Power with the Eye</i> | 3 , 439 |
| <i>Cooper, David K.C.: Edward Gerjuoy: From Physics to Law and Back Again</i> | 13 , 433 |
| <i>Crane, H. Richard: How We Happened to Measure g-2: A Tale of Serendipity</i> | 2 , 135 |
| <i>Crease, Robert P.: Quenched! The ISABELLE Saga, I</i> | 7 , 330 |
| <i>Crease, Robert P.: Quenched! The ISABELLE Saga, II</i> | 7 , 404 |
| <i>Crease, Robert P.: The National Synchrotron Light Source, Part I: Bright Idea</i> | 10 , 438 |
| <i>Crease, Robert P.: The National Synchrotron Light Source, Part II: The Bakeout</i> | 11 , 15 |
| <i>Crease, Robert P. and Vladimir Shiltsev: Pomor Polymath: The Upbringing of Mikhail Vasilyevich Lomonosov, 1711-1730</i> | 15 , 371 |
| <i>Crepeau, John: Loschmidt, Stefan, and Stigler's Law of Eponymy</i> | 11 , 357 |

| | |
|--|-----------------|
| <i>Crowe, Michael J.</i> : Pierre Duhem, the History and Philosophy of Physics, and the Teaching of Physics..... | 1 , 54 |
| <i>Day, Michael A.</i> : E.U. Condon: Science, Religion, and the Politics of World Peace..... | 10 , 4 |
| <i>D'Agostino, Salvo</i> : From Rational Numbers to Dirac's Bra and Ket: Symbolic Representation of Physical Laws..... | 4 , 216 |
| <i>D'Agostino, Salvo</i> : On the Difficulties of the Transition from Maxwell's and Hertz's Pure-Field Theories to Lorentz's Electron..... | 2 , 398 |
| <i>D'Agostino, Salvo</i> : The <i>Bild</i> Conception of Physical Theory: Helmholtz, Hertz, and Schrödinger..... | 6 , 372 |
| <i>Dahmen, Silvio R.</i> : Boltzmann and the Art of Flying..... | 11 , 244 |
| <i>Dongen, Jeroen van</i> : Mistaken Identity and Mirror Images: Albert and Carl Einstein, Leiden and Berlin, Relativity and Revolution..... | 14 , 126 |
| <i>Dongen, Jeroen van</i> : Reactionaries and Einstein's Fame: "German Scientists for the Preservation of Pure Science," Relativity, and the Bad Nauheim Meeting | 9 , 212 |
| <i>Drago, Antonino and Salvatore Esposito</i> : Ettore Majorana's Course on Theoretical Physics: A Recent Discovery..... | 9 , 329 |
| <i>Dragoni, Giorgio, Giulio Maltese, and Luisa Atti</i> : Quirino Majorana's Experiments on the Speed of Light and Gravitational Absorption | 9 , 281 |
| <i>Durham, Ian T.</i> : Eddington and Uncertainty | 5 , 398 |
| <i>Eckert, Michael</i> : Mathematics, Experiments, and Theoretical Physics: The Early Days of the Sommerfeld School..... | 1 , 238 |
| <i>Essen, Ray</i> : Louis Essen and the Velocity of Light: From Wartime Radar to Unit of Length..... | 12 , 51 |
| <i>Ferris, Timothy</i> : On Science Writing..... | 4 , 3 |
| <i>Fitas, Augusto José dos Santos and António Augusto Passos Videira</i> : Guido Beck, Alexandre Proca, and the Oporto Theoretical Physics Seminar | 9 , 4 |
| <i>Franklin, Allan</i> : Are the Laws of Physics Inevitable?..... | 10 , 182 |
| <i>Franklin, Allan</i> : The Roles of Experiment..... | 1 , 35 |
| <i>Franklin, Allan</i> : William Wilson and the Absorption of Beta Rays..... | 4 , 40 |
| <i>French, A.P.</i> : The Strange Case of Emil Rupp..... | 1 , 3 |
| <i>Frercks, Jan</i> : Fizeau's Research Program on Ether Drag: A Long Quest for a Publishable Experiment..... | 7 , 35 |
| <i>Friedrich, Bretislav</i> : The KLMN of X-Ray Spectroscopy: Dolejšek's Discovery of the N Series..... | 1 , 384 |
| <i>Gambassi, Andrea</i> : Enrico Fermi in Pisa..... | 5 , 384 |
| <i>Gavroglu, Kostas</i> : From Defiant Youth to Conformist Adulthood: The Sad Story of Liquid Helium..... | 3 , 165 |
| <i>Gearhart, Clayton A.</i> : Planck, the Quantum, and the Historians..... | 4 , 170 |
| <i>Gerward, Leif</i> : Paul Villard and his Discovery of Gamma Rays..... | 1 , 367 |
| <i>Gingras, Yves</i> : The Transformation of Physics from 1900 to 1945..... | 12 , 248 |
| <i>Goenner, Hubert</i> : Albert Einstein and Fredrich Dessauer: Political Views and Political Practice..... | 5 , 21 |
| <i>Goodstein, David and Judith Goodstein</i> : Richard Feynman and the History of Superconductivity..... | 2 , 30 |
| <i>Goodstein, Judith R.</i> : A Conversation with Hans Bethe..... | 1 , 253 |
| <i>Goodstein, Judith R.</i> : A Conversation with Franco Rasetti..... | 3 , 271 |
| <i>Goodstein, Judith R.</i> : A Conversation with Lee Alvin DuBridge--Part I..... | 5 , 174 |
| <i>Goodstein, Judith R.</i> : A Conversation with Lee Alvin DuBridge--Part II..... | 5 , 281 |
| <i>Goodstein, Judith R.</i> : A Conversation with Frank Press..... | 6 , 184 |
| <i>Gorelik, Gennady</i> : The Paternity of the H-Bombs: Soviet-American Perspectives | 11 , 169 |
| <i>Graney, Christopher M.</i> : But Still, It Moves: Tides, Stellar Parallax, and Galileo's Commitment to the Copernican Theory..... | 10 , 258 |
| <i>Graney, Christopher M.</i> : Contra Galileo: Riccioli's "Coriolis-Force" Argument on the Earth's Diurnal Rotation..... | 13 , 387 |
| <i>Graney, Christopher M.</i> : Seeds of a Tyconic Revolution: Telescopic Observations of the Stars by Galileo Galilei and Simon Marius..... | 12 , 4 |
| <i>Grasso, Giacomo, Carlo Oppici, Federico Rocchi, and Marco Sumini</i> : A Neutronics Study of the 1945 Haigerloch B-VIII Nuclear Reactor..... | 11 , 318 |
| <i>Greenberg, John</i> : A Conversation with William A. Fowler--Part I..... | 7 , 66 |
| <i>Greenberg, John</i> : A Conversation with William A. Fowler--Part II..... | 7 , 165 |
| <i>Guerra, Francesco, Matteo Leone, and Nadia Robotti</i> : Enrico Fermi's Discovery | |

| | |
|--|-----------------|
| of Neutron-Induced Artificial Radioactivity: Neutrons and Neutron Sources..... | 8 , 255 |
| <i>Guerra, Francesco, Matteo Leone, and Nadia Robotti</i> : The Discovery of Artificial Radioactivity..... | 14 , 33 |
| <i>Guerra, Francesco and Nadia Robotti</i> : Enrico Fermi's Discovery of Neutron-Induced Artificial Radioactivity: The Influence of His Theory of Beta Decay..... | 11 , 379 |
| <i>Guerra, Francesco and Nadia Robotti</i> : Ettore Majorana's Forgotten Publication on the Thomas-Fermi Model..... | 10 , 56 |
| <i>Guerra, Francesco and Nadia Robotti</i> : The Disappearance and Death of Ettore Majorana..... | 15 , 160 |
| <i>Halpern, Paul</i> : Klein, Einstein, and Five-Dimensional Unification..... | 9 , 390 |
| <i>Halpern, Paul</i> : Nordström, Ehrenfest, and the Role of Dimensionality in Physics..... | 6 , 390 |
| <i>Halpern, Paul</i> : Peter Bergmann: The Education of a Physicist..... | 7 , 390 |
| <i>Halpern, Paul</i> : Quantum Humor: The Playful Side of Physics at Bohr's Institute for Theoretical Physics..... | 14 , 279 |
| <i>Hamblin, Jacob Darwin</i> : Science in Isolation: American Marine Geophysics Research, 1950-1968..... | 2 , 293 |
| <i>Harrison, Walter A.</i> : Finding the Energy Bands of Silicon..... | 11 , 198 |
| <i>Haussecker, Enzo F. and Alexander W. Chao</i> : The Influence of Accelerator Science on Physics Research..... | 13 , 146 |
| <i>Heering, Peter</i> : Regular Twists: Replicating Coulomb's Wire-Torsion Experiments..... | 8 , 52 |
| <i>Hentschel, Klaus</i> : The Culture of Visual Representations in Spectroscopic Education and Laboratory Instruction..... | 1 , 282 |
| <i>Hentschel, Klaus and Gerhard Rammer</i> : Physicists at the University of Göttingen, 1945-1955..... | 3 , 189 |
| <i>Hiebert, Erwin N.</i> : Common Frontiers of the Exact Sciences and the Humanities..... | 2 , 6 |
| <i>Hintz, Norton M.</i> : My Life in Nuclear Physics, Photography, and Opera..... | 14 , 196 |
| <i>Hiujnen, Pim and A.J. Kox</i> : Paul Ehrenfest's Rough Road to Leiden: A Physicist's Search for a Position, 1904-1912..... | 9 , 186 |
| <i>Hoddeson, Lillian and Adrienne Kolb</i> : Vision to Reality: From Robert R. Wilson's Frontier to Leon M. Lederman's Fermilab..... | 5 , 67 |
| <i>Hoffleit, E. Dorrit</i> : Pioneering Women in the Spectral Classification of Stars..... | 4 , 370 |
| <i>Hoffmann, Dieter</i> : Between Autonomy and Accommodation: The German Physical Society during the Third Reich..... | 7 , 293 |
| <i>Hoffmann, Dieter</i> : Fritz Lange, Klaus Fuchs, and the Remigration of Scientists to East Germany..... | 11 , 405 |
| <i>Holbrow, Charles H.</i> : Dick Crane's California Days..... | 13 , 36 |
| <i>Holton, Gerald</i> : R.A. Millikan's Struggle with the Meaning of Planck's Constant..... | 1 , 231 |
| <i>Hon, Giora</i> : From Propagation to Structure: The Experimental Technique of Bombardment as a Contributing Factor to the Emerging Quantum Physics..... | 5 , 150 |
| <i>Hong, Sungook</i> : Once Upon a Time in Physics When Both Mathematics and Experiment Were Helpless: A Strange Life of Voltaic Contact Potential..... | 2 , 269 |
| <i>Hufbauer, Karl</i> : From Student of Physics to Historian of Science: T.S. Kuhn's Education and Early Career, 1940-1958..... | 14 , 421 |
| <i>Jackson, John David</i> : A Personal Adventure in Muon-Catalyzed Fusion..... | 12 , 74 |
| <i>James, Frank A.J.L. and Anthony Peers</i> : Constructing Space for Science at the Royal Institution of Great Britain..... | 9 , 130 |
| <i>Jammer, Max</i> : Concepts of Time in Physics: A Synopsis..... | 9 , 266 |
| <i>Janssen, Michel</i> : Reconsidering a Scientific Revolution: The Case of Einstein <i>versus</i> Lorentz..... | 4 , 421 |
| <i>Jenkin, John</i> : Atomic Energy is "Moonshine": What did Rutherford <i>Really</i> Mean?..... | 13 , 128 |
| <i>Jenkin, John</i> : G.E.M. Jauncey and the Compton Effect..... | 4 , 320 |
| <i>Jha, Stefania</i> : Wigner's "Polanyian" Epistemology and the Measurement Problem: The Wigner-Polanyi Dialog on Tacit Knowledge..... | 13 , 329 |
| <i>Johnson, Karen E.</i> : Science at the Breakfast Table..... | 1 , 22 |
| <i>Johnson, Karen E.</i> : From Natural History to the Nuclear Shell Model: Chemical Thinking in the Work of Mayer, Haxel, Jensen, and Suess..... | 6 , 295 |
| <i>Johnston, Sean F.</i> : Absorbing New Subjects: Holography as an Analog of Photography..... | 8 , 164 |
| <i>Kapusta, Joseph I.</i> : Accelerator Disaster Scenarios, the Unabomber, and Scientific Risks..... | 10 , 163 |
| <i>Katzir, Shaul</i> : Poincaré's Relativistic Physics: Its Origins and Nature..... | 7 , 268 |

| | |
|---|---------|
| <i>Kipnis, Nahum S.</i> : The Window of Opportunity: Logic and Chance in Becquerel's Discovery of Radioactivity..... | 2, 63 |
| <i>Klein, Martin J.</i> : Paul Ehrenfest, Niels Bohr, and Albert Einstein: Colleagues and Friends | 12, 307 |
| <i>Kosso, Peter</i> : Void points, Rosettes, and a Brief History of Planetary Astronomy..... | 15, 373 |
| <i>Kragh, Helge</i> : An Unlikely Connection: Geochemistry and Nuclear Structure..... | 2, 381 |
| <i>Kragh, Helge</i> : Pierre Duhem, Entropy, and Christian Faith..... | 10, 379 |
| <i>Kragh, Helge</i> : Resisting the Bohr Atom: The Early British Opposition..... | 13, 4 |
| <i>Kragh, Helge</i> : Zöllner's Universe | 14, 392 |
| <i>Krige, John</i> : Isidor I. Rabi and CERN..... | 7, 150 |
| <i>Leone, Matteo and Nadia Robotti</i> : Are the Elements Elementary? Nineteenth-Century Chemical and Spectroscopical Answers..... | 5, 360 |
| <i>Leone, Matteo, Alessandro Paoletti, and Nadia Robotti</i> : A Simultaneous Discovery: The Case of Johannes Stark and Antonino Lo Surdo..... | 6, 271 |
| <i>Levine, James L.</i> : Early Gravity-Wave Detection Experiments, 1960-1975..... | 6, 42 |
| <i>Lippincott, Sara</i> : A Conversation with Robert F. Christy--Part I..... | 8, 282 |
| <i>Lippincott, Sara</i> : A Conversation with Robert F. Christy--Part II..... | 8, 408 |
| <i>Lippincott, Sara</i> : A Conversation with Valentine L. Telegdi--Part I..... | 9, 434 |
| <i>Lippincott, Sara</i> : A Conversation with Valentine L. Telegdi--Part II..... | 10, 77 |
| <i>Loettgers, Andrea</i> : Samuel Pierpont Langley and his Contributions to the Empirical Basis of Black-Body Radiation..... | 5, 262 |
| <i>Lykknes, Annette, Helge Kragh, and Lise Kvittingen</i> : Ellen Gleditsch: Pioneer Woman in Radioactivity..... | 6, 126 |
| <i>Maas, Ad</i> : Einstein as Engineer: The Case of the Little Machine..... | 9, 305 |
| <i>March, Robert H.</i> : Physics at the University of Wisconsin: A History..... | 5, 130 |
| <i>Martinez, Alberto A.</i> : Ritz, Einstein, and the Emission Hypothesis..... | 6, 4 |
| <i>McMullin, Ernan</i> : The Origins of the Field Concept in Physics..... | 4, 13 |
| <i>Miller, Arthur I.</i> : Einstein's First Steps Toward General Relativity: <i>Gedanken</i> Experiments and Axiomatics..... | 1, 85 |
| <i>Mulligan, Joseph F.</i> : Heinrich Hertz and Philipp Lenard: Two Distinguished Physicists, Two Disparate Men..... | 1, 345 |
| <i>Mulligan, Joseph F.</i> : The Aether and Heinrich Hertz's <i>The Principles of Mechanics Presented in a New Form</i> | 3, 136 |
| <i>Nauenberg, Michael</i> : Robert Hooke's Seminal Contribution to Orbital Dynamics..... | 7, 4 |
| <i>Navarro, Jaume</i> : Early Attempts to Detect the Neutrino at the Cavendish Laboratory..... | 8, 64 |
| <i>Nye, Mary Jo</i> : A Physicist in the Corridors of Power: P.M.S. Blackett's Opposition to Atomic Weapons following the War..... | 1, 136 |
| <i>O'Connor, Thomas C.</i> : The Scientific Work of John A. McClelland: A Recently Discovered Manuscript..... | 12, 266 |
| <i>Olivotto, Cristina and Antonella Testa</i> : Galileo and the Movies..... | 12, 372 |
| <i>Oppenheimer, Frank</i> : A Physicist for All SeasonsBPart I | 15, 33 |
| <i>Oppenheimer, Frank</i> : A Physicist for All SeasonsBPart II..... | 15, 178 |
| <i>Pavlish, Ursula</i> : Gerson Goldhaber: A Life in Science..... | 13, 189 |
| <i>Pavlish, Ursula</i> : Robert Vivian Pound and the Discovery of Nuclear Magnetic Resonance in Condensed Matter..... | 12, 180 |
| <i>Perl, Martin L.</i> : The Discovery of the Tau Lepton and the Changes in Elementary-Particle Physics in Forty Years..... | 6, 401 |
| <i>Pesic, Peter</i> : Helmholtz, Riemann, and the Sirens: Sound, Color, and the "Problem of Space | 15, 256 |
| <i>Pessoa, Osvaldo, Jr., Olival Freire, Jr., and Alexis De Greiff</i> : The Tausk Controversy on the Foundations of Quantum Mechanics: Physics, Philosophy, and Politics..... | 10, 138 |
| <i>Pippard, Sir Brian</i> : Dispersion in the Ether: Light over the Water..... | 3, 258 |
| <i>Pound, Robert V.</i> : Weighing Photons, I..... | 2, 224 |
| <i>Pound, Robert V.</i> : Weighing Photons, II..... | 3, 4 |
| <i>Ramsey, Norman F.</i> : Early History of Magnetic Resonance..... | 1, 123 |

| | |
|---|-----------------|
| <i>Reed, B. Cameron</i> : Centrifugation during the Manhattan Project..... | 11 , 426 |
| <i>Reed, B. Cameron</i> : Liquid Thermal Diffusion During the Manhattan Project..... | 13 , 161 |
| <i>Reichenbach, Maria Cecilia von</i> : Richard Gans: The First Quantum Physicist in Latin America..... | 11 , 302 |
| <i>Reidy, Michael</i> : John Tyndall=s Vertical Physics: From Rock Quarries to Icy Peaks..... | 12 , 122 |
| <i>Reif-Acherman, Simon</i> : Heike Kamerlingh Onnes and the Nobel Prize for Physics in 1913: The Highest Honor for the Lowest Temperature | 15 , 415 |
| <i>Reif-Acherman, Simón</i> : Henri Victor Regnault: Experimentalist of the Science of Heat..... | 12 , 396 |
| <i>Riordan, Michael</i> : The Demise of the Superconducting Super Collider..... | 2 , 411 |
| <i>Romer, Alfred</i> : The Welcoming of Copernicus’s <i>De revolutionibus</i> : The Commentariolus and its Reception..... | 1 , 157 |
| <i>Rosa, Rodolfo</i> : The Merli-Missiroli-Pozzi Two-Slit Electron-Interference Experiment..... | 14 , 178 |
| <i>Rowe, David E.</i> : Einstein meets Hilbert: At the Crossroads of Physics and Mathematics..... | 3 , 379 |
| <i>Schawlow, Arthur L.</i> : The Playful Physicist..... | 6 , 310 |
| <i>Schemmel, Matthais</i> : The English Galileo: Thomas Harriot and the Force of Shared Knowledge in Early Modern Mechanics..... | 8 , 360 |
| <i>Schirmacher, Arne</i> : Planting in his Neighbor’s Garden: David Hilbert and Early Göttingen Quantum Physics..... | 5 , 4 |
| <i>Schlote, Karl-Heinz</i> : Carl Neumann’s Contributions to Electrodynamics..... | 6 , 252 |
| <i>Schwarz, Stephan</i> : Science, Technology, and the Niels Bohr Institute in Occupied Denmark..... | 13 , 401 |
| <i>Schweber, S.S.</i> : Weimar Physics: Sommerfeld’s Seminar and the Causality Principle..... | 11 , 261 |
| <i>Sheehan, William</i> : From the Transits of Venus to the Birth of Experimental Psychology..... | 15 , 130 |
| <i>Sichau, Christian</i> : Storming a Citadel: Mathematical Theory and Experimental Practice..... | 8 , 236 |
| <i>Siegmund-Schultze, Reinhard</i> : Philipp Frank, Richard von Mises, and the Frank-Mises..... | 9 , 26 |
| <i>Sime, Ruth Lewin</i> : An Inconvenient History: The Nuclear-Fission Display in the Deutsches Museum.... | 12 , 190 |
| <i>Sime, Ruth Lewin</i> : Marietta Blau: Pioneer of Photographic Nuclear Emulsions and Particle Physics | 15 , 3 |
| <i>Sime, Ruth Lewin</i> : The Politics of Forgetting: Otto Hahn and the German Nuclear- Fission Project in World War II..... | 14 , 59 |
| <i>Sime, Ruth Lewin</i> : The Politics of Memory: Otto Hahn and the Third Reich..... | 8 , 3 |
| <i>Sime, Ruth Lewin</i> : The Search for Transuranium Elements and the Discovery of Nuclear Fission..... | 2 , 48 |
| <i>Simões, Ana</i> : Dirac’s Claim and the Chemists..... | 4 , 253 |
| <i>Singh, Rajinder</i> : C.V. Raman and the Discovery of the Raman Effect..... | 4 , 399 |
| <i>Sopka, Katherine R. and Elisabeth M. Sopka</i> : The Bonebrake Theological Seminary: Top-Secret Manhattan Project Site..... | 12 , 338 |
| <i>Staley, Kent W.</i> : Lost Origins of the Third Generation of Quarks: Theory, Philosophy, and Experiment..... | 3 , 210 |
| <i>Stöltzner, Michael</i> : Franz Serafin Exner’s Indeterminist Theory of Culture..... | 4 , 267 |
| <i>Tisza, Laszlo</i> : Adventures of a Theoretical Physicist, Part I: Europe..... | 11 , 46 |
| <i>Tisza, Laszlo</i> : Adventures of a Theoretical Physicist, Part II: America..... | 11 , 120 |
| <i>Torretti, Roberto</i> : Gravity as Spacetime Curvature..... | 2 , 118 |
| <i>Unna, Issachar</i> : The Genesis of Physics at the Hebrew University of Jerusalem..... | 2 , 336 |
| <i>Veys, Lucy</i> : Joseph Rotblat, Moral Dilemmas and the Manhattan Project..... | 15 , 451 |
| <i>Vincze, Ildikó J. and István Jankovics</i> : Eugen von Gothard and His X-Ray Experiments..... | 12 , 25 |
| <i>Walker, Mark W.</i> : Otto Hahn: Responsibility and Repression..... | 8 , 116 |
| <i>Wautier, Kristel, Alexander Jonckheere, and Danny Segers</i> : The Life and Work of Joseph Plateau: Father of Film and Discoverer of Surface Tension..... | 14 , 258 |
| <i>Wazeck, Milena</i> : The 1922 Einstein Film: Cinematic Innovation and Public Controversy..... | 12 , 163 |
| <i>Weekes, Trevor C.</i> : “The Nineteenth-Century Spiral Nebula Whodunit..... | 12 , 146 |
| <i>Weisel, Gary J.</i> : Properties and Phenomena: Basic Plasma Physics and Fusion Research in Postwar America..... | 10 , 396 |
| <i>Westfall, Catherine</i> : A Different Laboratory Tale: Fifty Years of Mössbauer Spectroscopy..... | 8 , 189 |
| <i>Wilson, David B.</i> : Galileo’s Religion <i>Versus</i> the Church’s Science? Rethinking the History of Science and Religion..... | 1 , 65 |
| <i>Wilson, Robert Rathburn</i> : From Frontiersman to Physicist..... | 2 , 141 |

| | |
|---|----------------|
| <i>Wittje, Roland: Nuclear Physics in Norway, 1933-1955</i> | 9 , 406 |
|---|----------------|

Perspectives on Current Issues

| | |
|--|-----------------|
| <i>Ehrlich, Robert: What Makes a Theory Testable, or Is Intelligent Design Less Scientific Than String Theory?</i> | 8 , 83 |
| <i>Giudice, Gian Francesco: Big Science and the Large Hadron Collider</i> | 14 , 95 |
| <i>Habfast, Claus: The DESY Golden Jubilee in Hamburg: Lessons from the Past</i> | 12 , 219 |
| <i>Larson, Ronald G.: Is “Anthropic Selection” Science?</i> | 9 , 58 |
| <i>Paraoanu, Gheorghe-Sorin: Quantum Computing: Theoretical versus Practical Possibility</i> | 13 , 359 |

In Memoriam/In Appreciation

| | |
|--|-----------------|
| <i>Bederson, Benjamin: Fritz Reiche and the Emergency Committee in Aid of Displaced Foreign Scholars</i> | 7 , 453 |
| <i>Careri, Giorgio: Lars, the Oracle</i> | 2 , 204 |
| <i>Day, Michael A.: I.I. Rabi: The Two Cultures and The Universal Culture of Science</i> | 6 , 428 |
| <i>Frank, Tibor: Ever Ready to Go: The Multiple Exiles of Leo Szilard</i> | 7 , 204 |
| <i>French, A.P.: Philip Morrison</i> | 10 , 110 |
| <i>Goldberger, Marvin L.: Enrico Fermi (1901-1954): The Complete Physicist</i> | 1 , 328 |
| <i>Harkness, Jon M.: A Lifetime of Connections: Otto Herbert Schmitt, 1913-1998</i> | 4 , 456 |
| <i>Harper, Eamon: George Gamow: Scientific Amateur and Polymath</i> | 3 , 335 |
| <i>Holbrow, Charles H.: Charles C. Lauritsen: A Reasonable Man in An Unreasonable World</i> | 5 , 419 |
| <i>Hu, Danian: Martin J. Klein: From Physicist to Historian</i> | 14 , 498 |
| <i>Jackiw, Roman and Abner Shimony: The Depth and Breadth of John Bell’s Physics</i> | 4 , 78 |
| <i>Johnson, Karen E. and Donald C. Peckham: Alfred Romer (1906-1998)</i> | 1 , 215 |
| <i>Kahn, Peter B.: Remembering Max Dresden (1918-1997)</i> | 5 , 206 |
| <i>Milton, Kimball A.: Julian Schwinger: From Nuclear Physics and Quantum Electrodynamics to Source Theory and Beyond</i> | 9 , 70 |
| <i>Neuenschwander, Dwight E. and Sallie Watkins: Professional and Personal Coherence: The Life and Work of Melba Newell Phillips</i> | 10 , 295 |
| <i>Pais, Abraham: Robert Serber (1909-1997)</i> | 1 , 105 |
| <i>Reif-Acherman, Simón: Heike Kamerlingh Onnes: Master of Experimental Technique and Quantitative Research</i> | 6 , 197 |
| <i>Reiter, Wolfgang L.: Stefan Meyer: Pioneer of Radioactivity</i> | 3 , 106 |
| <i>Reiter, Wolfgang L.: Ludwig Boltzmann: A Life of Passion</i> | 9 , 357 |
| <i>Rigden, John S.: Edward Mills Purcell, August 30, 1912 - March 7, 1997</i> | 13 , 91 |
| <i>Talebian, Mohammad and Ehsan Talebian: Alenush Terian: The Iranian Solar Mother</i> | 14 , 239 |
| <i>Taylor, Philip L. and William J. Fickinger: Multiple Scattering: Leslie Foldy’s Winding Road Through Physics</i> | 9 , 346 |
| <i>Trainer, Matthew: Lord Kelvin, Recipient of The John Fritz Medal in 1905</i> | 10 , 212 |

The Physical Tourist

| | |
|---|-----------------|
| <i>Bederson, Benjamin: Physics and New York City</i> | 5 , 87 |
| <i>Berry, Michael and Brian Pollard: Physics in Bristol</i> | 10 , 468 |
| <i>Dahl, Per F.: Berkeley and Its Physics Heritage</i> | 8 , 90 |
| <i>Dragoni, Giorgio and Ivana Stojanovic: Physical Science in Bologna</i> | 15 , 92 |
| <i>Gablot, Ginette: A Parisian Walk along the Landmarks of the Discovery of Radioactivity</i> | 2 , 100 |
| <i>Greenslade, Thomas B., Jr.: Scientific Travels in the Irish Countryside</i> | 2 , 313 |
| <i>Halpern, Paul: Philadelphia: Life, Liberty, and the Pursuit of Physics</i> | 11 , 209 |
| <i>Halpern, Paul: Washington: A DC Circuit Tour</i> | 12 , 443 |
| <i>Henry, John: Physics in Edinburgh: From Napier’s Bones to Higgs’s Boson</i> | 9 , 468 |
| <i>Hentschel, Ann M.: Peripatetic Highlights in Bern</i> | 7 , 107 |
| <i>Hentschel, Klaus: Some Historical Points of Interest in Göttingen</i> | 1 , 110 |
| <i>Hoffmann, Dieter: Physics in Berlin: A Walk Through the Historical City Center</i> | 1 , 445 |
| <i>Hoffmann, Dieter: Physics in Berlin: Walking tours in Charlottenburg and Dahlem</i> | |

| | |
|---|---------|
| and Excursions in the Vicinity of Berlin..... | 2, 426 |
| <i>Holmberg, Peter</i> : Physics in Helsinki..... | 6, 76 |
| <i>Home, R.W.</i> : Physics in Melbourne..... | 7, 473 |
| <i>Januszajtis, Andrzej</i> : A Walk around Gdańsk for Physicists..... | 13, 456 |
| <i>Johnston, Sean F.</i> : Physics in Glasgow: A Heritage Tour..... | 8, 451 |
| <i>Kortemeyer Gerd and Catherine Westfall</i> : The Physical Tourist: A European Study Course..... | 12, 89 |
| <i>Kovács, László, Sr.</i> : Budapest: A Random Walk in Science and Culture..... | 5, 310 |
| <i>Lacki, Jan</i> : Geneva: From the Science of the Enlightenment to CERN..... | 9, 231 |
| <i>Pedersen, Bjørn</i> : Physical Science in Oslo..... | 13, 215 |
| <i>Pippard, Sir Brian</i> : The Whipple Museum and Cavendish Laboratory, Cambridge..... | 1, 219 |
| <i>Pors, Felicity and Finn Aaserud</i> : Historical Sites of Physical Science in Copenhagen..... | 3, 230 |
| <i>Reiter, Wolfgang L.</i> : Vienna: A Random Walk in Science..... | 3, 462 |
| <i>Rhees, David J.</i> : Physics in “Lake Wobegon”: A Tour of Three Minnesota Museums of Science and Technology..... | 4, 230 |
| <i>Roca-Rosell, Antoni and Xavier Roqué</i> : Physical Science in Barcelona | 15, 470 |
| <i>Sanchez-Ron, José M.</i> : Physics in Madrid: When Science Competed with Art..... | 8, 318 |
| <i>Schettino, Edvige</i> : The Physics Museum of the University of Naples “Federico II”..... | 11, 442 |
| <i>Schreier, Wolfgang and Karl-Heinz Schlote</i> : Physics in Leipzig: An Amble Through the Centuries..... | 10, 224 |
| <i>Seidel, Robert W.</i> : Opening the Black Box at Bradbury Science Museum, Los Alamos..... | 2, 211 |
| <i>Simões, Ana, Maria Paula Diogo, and Ana Carneiro</i> : Physical Sciences in Lisbon..... | 14, 335 |
| <i>Staubermann, Klaus</i> : Science Sights in Utrecht..... | 8, 214 |
| <i>Strzalkowski, Adam</i> : Physics in Cracow..... | 6, 344 |
| <i>Teichmann, Jürgen, Michael Eckert, and Stefan Wolff</i> : Physicists and Physics in Munich..... | 4, 333 |

Vignettes

| | |
|--|---------|
| <i>Jackiw, Roman</i> : Celebration of Gerry..... | 13, 104 |
| <i>Jackiw, Roman</i> : Hans Bethe, My Teacher..... | 11, 98 |
| <i>Pippard, Sir Brian</i> : Elisabeth Hertz (née Doll) 1864-1941 Widow of Heinrich Rudolf Hertz 1857-1894 Professor of Physics, University of Bonn..... | 4, 241 |

Book Notes by John S. Rigden and Roger H. Stuewer

| | |
|--|---------|
| <i>Arianrhod, Robyn</i> : Einstein’s Heroes: Imagining the World Through the Language of Mathematics (2006)..... | 8, 466 |
| <i>Balibar, Sébastien</i> : The Atom and the Apple: Twelve Tales from Contemporary Physics (2008)..... | 11, 104 |
| <i>Bardon, Adrian</i> : A Brief History of the Philosophy of Time (2013)..... | 15, 359 |
| <i>Bernstein, Jeremy</i> : Quantum Leaps (2009)..... | 12, 100 |
| <i>Brown, Gerald E. and Chang-Hwan Lee, ed.</i> : Hans Bethe and His Physics (2006)..... | 10, 123 |
| <i>Brown, Laurie, ed.</i> : Feynman’s Thesis: A New Approach to Quantum Theory (2005)..... | 8, 344 |
| <i>Clark, Stuart</i> : The Sun Kings: The Unexpected Tragedy of Richard Carrington and the Tale of How Modern Astronomy Began (2007)..... | 9, 375 |
| <i>Close, Frank</i> : Neutrino (2010)..... | 13, 110 |
| <i>Close, John</i> : Nothing (2009)..... | 12, 100 |
| <i>Davies, E. Brian</i> : Why Beliefs Matter: Reflections On the Nature of Science (2010)..... | 12, 467 |
| <i>Davies, Paul, and Niels Henrik Gregersen, ed.</i> : Information and the Nature of Reality: From Physics (2010)..... | 13, 481 |
| <i>Dear, Peter</i> : The Intelligibility of Science: How Science Makes Sense of the World (2006)..... | 9, 115 |
| <i>Einstein, Albert</i> : The Meaning of Relativity, introduction by Brian Greene (2005) | 8, 222 |
| <i>Farmelo, Graham</i> : The Strangest Man: The Hidden Life of Paul Dirac, Mystic of the Atom (2009) ... | 12, 350 |
| <i>Ferris, Timothy</i> : The Science of Liberty: Democracy, Reason, and the Laws of Nature (2010) | 13, 110 |
| <i>Feynman, Richard P.</i> : Classic Feynman: All the Adventures of a Curious Character, ed. Ralph Leighton (2006)..... | 8, 102 |
| <i>Feynman, Richard P.</i> : Six Easy Pieces” Essentials of Physics by Its Most Brilliant Teacher (2010). ... | 13, 373 |
| <i>Feynman, Richard P., Michael A. Gottlieb, and Ralph Leighton</i> : Feynman’s Tips on Physics: A | |

| | |
|--|---------|
| Problem-Solving Supplement to the Feynman Lectures on Physics (2006) | 8, 102 |
| <i>Feynman, Richard P., Robert B. Leighton, and Matthew Sands: The Feynman Lectures on Physics. The New Millennium Edition (2011)</i> | 13, 373 |
| <i>Firestein, Stuart: Ignorance: How it Drives Science (2012)</i> | 15, 116 |
| <i>Frankel, Felice and George M. Whitesides: On the Surface of Things: Images of the Extraordinary in Science (2008)</i> | 10, 244 |
| <i>Frazer, Gordon, ed.: The New Physics of the Twenty-first Century (2006)</i> | 8, 344 |
| <i>Fritzsche, Harald: You Are Wrong, Mr Einstein! (2011)</i> | 13, 373 |
| <i>Guerra, Francesco and Nadia Robotti: Ettore Majorana: Aspects of His Scientific and Academic Activity (2008)</i> | 11, 454 |
| <i>Gubser, Steven S.: The Little Book About String Theory (2010)</i> | 12, 467 |
| <i>Haw, Mark: Middle World: The Restless Heart of Matter and Life (2007)</i> | 9, 253 |
| <i>Heilbron, J.L.: Galileo (2010)</i> | 13, 239 |
| <i>Hirschfeld, Alan: Eureka Man: The Life and Legacy of Archimedes (2009)</i> | 11, 454 |
| <i>Hoffmann, Dieter: Einstein's Berlin: In the Footsteps of a Genius (2013)</i> | 15, 499 |
| <i>Hoffmann, Roald and Iain Boyd Whyte, ed.: Beyond the Finite: The Sublime in Art and Science (2011)</i> | 14, 242 |
| <i>Holmes, Richard: The Age of Wonder: How the Romantic Generation Discovered the Beauty and Terror of Science (2008)</i> | 12, 231 |
| <i>Hooper, Dan: Nature's Blueprint: Supersymmetry and the Search For a Unified Theory of Matter and Force (2008)</i> | 11, 336 |
| <i>Krauss, Lawrence: Quantum Man: Richard Feynman's Life in Science (2011)</i> | 14, 113 |
| <i>Krauss, Lawrence: A Universe from Nothing (2012)</i> | 14, 368 |
| <i>Krishner, Robert P.: The Elegant Universe: Exploding Stars, Dark Energy, and the Accelerating Universe (2004)</i> | 8, 102 |
| <i>Leibowitz, J.R.: Hidden Harmony: The Connected Worlds of Physics and Art (2008)</i> | 10, 481 |
| <i>Lincoln, Don: The Quantum Frontier: The Large Hadron Collider (2009)</i> | 11, 228 |
| <i>Lindley, David: Uncertainty: Einstein, Heisenberg, Bohr and the Struggle for the Soul of Science (2007)</i> | 9, 375 |
| <i>Littmann, Mark, Fred Espenak, and Ken Willcox, Totality: Eclipses of the Sun (2008)</i> | 11, 228 |
| <i>Majid, Shahn, ed.: On Space and Time (2008)</i> | 11, 104 |
| <i>McMillan, Priscilla I.: The Ruin of J. Robert Oppenheimer and the Birth of the Modern Arms Race. (2005)</i> | 8, 466 |
| <i>Muller, Richard: Physics for Future Presidents (2008)</i> | 10, 365 |
| <i>Ostriker, Jeremiah P. and Simon Mitton: Heart of Darkness: Unraveling the Mysteries of the Invisible Universe (2013)</i> | 15, 241 |
| <i>Polkinghorne, John: Quantum Physics and Theology: An Unexpected Kinship (2007)</i> | 10, 123 |
| <i>Renn, Jürgen, ed., Albert Einstein: Chief Engineer of the Universe. I. Einstein's Life and Work in Context. II. Documents of a Life's Pathway. III. One Hundred Authors For Einstein (2005)</i> | 8, 222 |
| <i>Rosenblum, Bruce and Fred Kuttner: Quantum Enigma: Physics Encounters Consciousness (2006)</i> | 9, 115 |
| <i>Saliba, George: Islamic Science and the Making of the European Renaissance (2007)</i> | 10, 365 |
| <i>Schweber, Silvan S.: Nuclear Forces: The Making of the Physicist Hans Bethe (2012)</i> | 14, 508 |
| <i>Segrè, Gino: Faust in Copenhagen: A Struggle for the Soul of Physics (2006)</i> | 9, 502 |
| <i>Shulman, Seth: Undermining Science: Suppression and Distortion in the Bush Administration</i> | 9, 502 |
| <i>Suplee, Curt: The Plasma Universe (2009)</i> | 12, 231 |
| <i>The Committee on Elementary Particle Physics in the 21st Century, Revealing the Hidden Nature of Space and Time: Charting the Course for Elementary Particle Physics (2006)</i> | 9, 253 |
| <i>Trefil, James: Why Science? (2008)</i> | 10, 244 |
| <i>Vedral, Vlatko; Decoding Reality: The Universe as Quantum Information (2010)</i> | 12, 350 |

Essay Reviews

| | |
|---|---------|
| <i>Cassidy, David C.: Beyond Uncertainty: Heisenberg, Quantum Physics, and the Bomb (2009); reviewed as "The Life and Times of Werner Heisenberg" by Harry Lustig</i> | 12, 470 |
| <i>Daston, Lorraine and Peter Galison: Objectivity (2007); reviewed by Allan Franklin</i> | 11, 338 |

| | |
|--|--------|
| <i>Galison, Peter</i> : Einstein's Clocks, Poincaré's Maps: Empires of Time (2003); reviewed as "Material History and Imaginary Clocks: Poincaré, Einstein, and Galison on Simultaneity" by Alberto A. Martinez..... | 6, 224 |
|--|--------|

Book Reviews

| | |
|--|---------|
| <i>Al-Khalili, Jim</i> : Black Holes, Wormholes and Time Machines (1999); reviewed by Lawrence A. Coleman..... | 2, 328 |
| <i>Alpher, Ralph A. and Robert Herman</i> : The Genesis of the Big Bang (2001); reviewed by Jay M. Pasachoff..... | 4, 243 |
| <i>Anastopoulos, Charis</i> : Particle or Wave: The Evolution of the Concept of Matter in Modern Physics (2008); reviewed by Kenneth W. Ford..... | 11, 238 |
| <i>Anderson, Philip W.</i> : More and Different Notes from a Thoughtful Curmudgeon (2011); reviewed by Philip Phillips..... | 15, 118 |
| <i>Audretsch, Jurgen</i> , ed.: Entangled World: The Fascination of Quantum Information and Computation (2006); reviewed by Stanley T. Jones..... | 9, 381 |
| <i>Andriesse, C.D.</i> : Huygens: The Man Behind the Principle (2005); reviewed by J.B. Shank..... | 8, 474 |
| <i>Bacciagaluppi, Guido and Antony Valentini</i> : Quantum Theory at the Crossroads: Reconsidering the 1927 Solvay Conference (2009); reviewed by Gino Segre..... | 12, 499 |
| <i>Badash, Lawrence</i> : A Nuclear Winter's Tale: Science and Politics in the 1980s (2009); reviewed by David C. Cassidy..... | 12, 358 |
| <i>Baggott, Jim</i> : Beyond Measure: Modern Physics, Philosophy and the Meaning of Quantum Theory (2004); reviewed by Daniel M. Greenberger..... | 7, 384 |
| <i>Bais, Sander</i> : Very Special Relativity: An Illustrated Guide (2007) reviewed by Hans C. Ohanian..... | 10, 375 |
| <i>Barr, Stephen M.</i> : Modern Physics and Ancient Faith (2003); reviewed by Karl Giberson..... | 7, 257 |
| <i>Barrow, John D.</i> : Between Inner Space and Outer Space: Essays on Science, Art, and Philosophy (1999); reviewed by William E. Evenson..... | 2, 112 |
| <i>Beller, Mara</i> : Quantum Dialogue: The Making of a Revolution (1999); reviewed by David Park..... | 2, 330 |
| <i>Bennett, Jim, Michael Cooper, Michael Hunter, and Lisa Jardine</i> : London's Leonardo: The Life and Work of Robert Hooke (2003); reviewed by Robert Weinstock..... | 6, 246 |
| <i>Beranek, Leo</i> : Riding the Waves: A Life in Sound, Science, and Industry (2008); reviewed by Donald E. Hall..... | 11, 232 |
| <i>Bergeron, Kenneth D.</i> : Tritium on Ice (2002); reviewed by Richard J. Jacob..... | 6, 121 |
| <i>Bernardini, Carlo and Luisa Bonolis</i> : Enrico Fermi: His Work and Legacy (2004); reviewed by Roger H. Stuewer..... | 8, 104 |
| <i>Bernstein, Jeremy</i> : Nuclear Weapons: What You Need to Know (2007); reviewed by Kenneth W. Ford..... | 10, 486 |
| <i>Bernstein, Jeremy</i> : Oppenheimer: Portrait of an Enigma (2004); reviewed by Edward Gerjuoy..... | 8, 109 |
| <i>Biagioli, Mario</i> : Galileo's Instruments of Credit: Telescopes, Images, Secrecy (2006); reviewed by Barry R. Masters..... | 9, 508 |
| <i>Bird, Kai and Martin J. Sherwin</i> : American Prometheus: The Triumph and Tragedy of J. Robert Oppenheimer (2005); reviewed by Benjamin Bederson..... | 8, 226 |
| <i>Bokulich, Alisa</i> : Reexamining the Quantum-Classical Relation: Beyond Reductionism and Pluralism (2008); reviewed by Frederick M. Kronz..... | 12, 102 |
| <i>Brian, Denis</i> : The Curies: A Biography of the Most Controversial Family in Science (2005); reviewed by Leif Gerward..... | 8, 470 |
| <i>Bromley, D. Allan</i> : A Century of Physics (2001); reviewed by Richard J. Jacob..... | 5, 126 |
| <i>Brown, Louis</i> : A Radar History of World War II: Technical and Military Imperatives (1999); reviewed by A.P. French..... | 2, 450 |
| <i>Bruce, Colin</i> : Schrödinger's Rabbits: The Many Worlds of Quantum (2004); reviewed by Mark P. Silverman..... | 7, 496 |
| <i>Buchwald, Jed Z. and I. Bernard Cohen</i> , ed.: Isaac Newton's Natural Philosophy (2001); reviewed by Mary Domski..... | 7, 377 |
| <i>Buchwald, Jed Z. and Andrew Warwick</i> , ed.: Histories of the Electron: The Birth of | |

| | |
|--|---------|
| Microphysics (2001); reviewed by Stephen G. Brush..... | 4, 492 |
| <i>Byers, Nina and Gary Williams</i> , ed.: <i>Out of the Shadows: Contributions of Twentieth-Century Women to Physics</i> (2006); reviewed by William E. Evenson..... | 10, 368 |
| <i>Calle, Carlos I.</i> : <i>The Universe: Order Without Design</i> (2009); reviewed by Arlo U. Landolt..... | 12, 242 |
| <i>Canaday, John</i> : <i>The Nuclear Muse: Literature, Physics and the First Atomic Bomb</i> (2000); reviewed by Kenneth W. Ford..... | 3, 492 |
| <i>Carlson, W. Bernard</i> : <i>Tesla: Inventor of the Electric Age</i> (2013); reviewed by Gino Segre | 15, 369 |
| <i>Carson, Cathryn</i> : <i>Heisenberg in the Atomic Age: Science and the Public Sphere</i> (2010); reviewed by David C. Cassidy..... | 13, 250 |
| <i>Cassidy, David C.</i> : <i>A Short History of Physics in the American Century</i> (2011); reviewed by Naomi Pasachoff..... | 14, 384 |
| <i>Cassidy, David C.</i> : <i>Beyond Uncertainty: Heisenberg, Quantum Physics, and the Bomb</i> (2008); reviewed by Benjamin Bederson..... | 11, 351 |
| <i>Cassidy, David C.</i> : <i>J. Robert Oppenheimer and the American Century</i> (2005); reviewed by Edward Gerjuoy..... | 8, 109 |
| <i>Cercignan, Carlo</i> : <i>Ludwig Boltzmann: The Man Who Trusted Atoms</i> (1999); reviewed by John Blackmore..... | 2, 108 |
| <i>Chang, Hasok</i> : <i>Inventing Temperature: Measurement and Scientific Progress</i> (2004); reviewed by Randall D. Knight..... | 8, 483 |
| <i>Charap, John M.</i> : <i>Explaining the Universe: The New Age of Physics</i> (2002); reviewed by Robert Ehrlich..... | 6, 478 |
| <i>Close, Frank</i> : <i>Neutrino</i> (2012); reviewed by Bernard J. Feldman..... | 14, 519 |
| <i>Close, Frank</i> : <i>The Infinity Puzzle: Quantum Field Theory and the Hunt for an Orderly Universe</i> (2011); reviewed by Peter Pesic..... | 14, 373 |
| <i>Coen, Deborah R.</i> : <i>Vienna in the Age of Uncertainty: Science, Liberalism, and Private Life</i> (2007); reviewed by Peter Lindinfeld..... | 12, 112 |
| <i>Cohen, I. Bernard</i> : <i>Howard Aiken: Portrait of a Computer Pioneer</i> (1999); reviewed by Harvey Gould..... | 3, 128 |
| <i>Cooper, Dan</i> : <i>Enrico Fermi and the Revolution in Modern Physics</i> (1999); reviewed by Marvin L. Goldberger..... | 1, 226 |
| <i>Coopersmith, Jennifer</i> : <i>Energy, the Subtle Concept: The discovery of Feynman's blocks from Leibniz to Einstein</i> (2010); reviewed by Richard Noer..... | 13, 379 |
| <i>Crease, Robert P.</i> : <i>Making Physics: A Biography of Brookhaven National Laboratory, 1946-1972</i> (1999); reviewed by Michael Riordan..... | 2, 218 |
| <i>Crelinsten, Jeffrey</i> : <i>Einstein's Jury: The Race to Test Relativity</i> (2006); reviewed by Gerald Holton..... | 9, 257 |
| <i>Cropper, William H.</i> : <i>Great Physicists: The Life and Times of Leading Physicists from Galileo to Hawking</i> (2001); reviewed by Harry Lustig..... | 6, 114 |
| <i>Crowe, Michael J.</i> : <i>Mechanics from Aristotle to Einstein</i> (2007); reviewed by Richard Noer..... | 11, 106 |
| <i>Dahl, Per F.</i> : <i>Flash of the Cathode Rays: A History of J.J. Thomson's Electron</i> (1997); reviewed by Robert A. Rynasiewicz..... | 1, 455 |
| <i>Dahl, Per F.</i> : <i>From Nuclear Transmutation to Nuclear Fission, 1932-1939</i> (2002); reviewed by Robert Vandenbosch..... | 5, 354 |
| <i>Dahl, Per F.</i> : <i>Heavy Water and the Wartime Race for Nuclear Energy</i> (1999); reviewed by Albert Wattenberg..... | 3, 131 |
| <i>Dardo, Mauro</i> : <i>Nobel Laureates and Twentieth-Century Physics</i> (2004); reviewed by Stephen G. Brush | 8, 105 |
| <i>Darrigol, Olivier</i> : <i>Electrodynamics from Ampère to Einstein</i> (2003); reviewed by A.P. French..... | 7, 382 |
| <i>Davidson, Keay</i> : <i>Carl Sagan: A Life</i> (1999); reviewed by Philip F. Schewe..... | 2, 446 |
| <i>Davis, Marin</i> : <i>The Universal Computer: The Road From Leibniz to Turing</i> (2000); reviewed by Malvin H. Kalos and Douglass E. Post..... | 4, 118 |
| <i>Day, Peter</i> , ed.: <i>The Philosopher's Tree: Michael Faraday's Life and Work in His Own Words</i> (1999); reviewed by Sir Brian Pippard..... | 1, 338 |
| <i>Denny, Mark</i> : <i>Ingenium: Five Machines that Changed the World</i> (2007); reviewed by Bernard J. Feldman..... | 10, 371 |

| | |
|--|---------|
| <i>Eickhoff, Martijn</i> : In the name of science? P.J.W. Debye and his career in Nazi Germany (2008); reviewed by Ruth Lewin Sime..... | 12, 115 |
| <i>Eisenstaedt, Jean</i> : The Curious History of Relativity: How Einstein's Theory was Lost and Found Again (2006); reviewed by Hans C. Ohanian..... | 10, 126 |
| <i>Epperson, Michael</i> : Quantum Mechanics and the Philosophy of Alfred North Whitehead (2004); reviewed by Henry J. Folse..... | 7, 494 |
| <i>Espagnat, Bernard d'</i> : On Physics and Philosophy (2006); reviewed by Amit Hagar..... | 14, 512 |
| <i>Fara, Patricia</i> : Science: A Four Thousand Year History (2009); reviewed by Allan Franklin..... | 12, 355 |
| <i>Feynman, Michelle</i> , ed.: Perfectly Reasonable Deviations from the Beaten Track: The Letters of Richard P. Feynman (2005); reviewed by Laurie M. Brown..... | 8, 473 |
| <i>Fisher, David E.</i> : Much Ado about (Practically) Nothing: The History of the Noble Gases (2010); reviewed by Guy Emery..... | 13, 484 |
| <i>Flake, Gary William</i> : The Computational Beauty of Nature: Computer Explorations of Fractals, Chaos, Complex Systems, and Adaptation (1998); reviewed by Roger G. Newton..... | 1, 120 |
| <i>Ford, Kenneth W.</i> : The Quantum World: Quantum Physics for Everyone (2004); reviewed by Robert N. Compton..... | 7, 262 |
| <i>Fox, Robert and Graeme Gooday</i> , ed.: Physics in Oxford 1839-1939: Laboratories, Learning, and College Life (2005); reviewed by Thomas B. Greenslade, Jr..... | 8, 229 |
| <i>Frank, Tibor</i> : Double Exile: Migrations of Jewish-Hungarian Professionals through Germany to the United States, 1919-1945 (2009); reviewed by Wolfgang L. Reiter..... | 14, 376 |
| <i>Franklin, Allan</i> : Selectivity and Discord: Two Problems of Experiment (2002); reviewed by William E. Evenson..... | 6, 119 |
| <i>Fraser, Gordon</i> : Cosmic Anger: Addus Salam—The First Muslim Nobel Scientist (2008); reviewed by Mark Alford..... | 11, 347 |
| <i>Friedlander, Michael W.</i> : A Thin Cosmic Rain: Particles from Outer Space (2000); reviewed by Peter B. Kahn..... | 5, 234 |
| <i>Friedman, Robert Marc</i> : The Politics of Excellence: Behind the Nobel Prize in Science (2001); reviewed by Stephen G. Brush..... | 5, 235 |
| <i>Fuller, Steve</i> : Thomas Kuhn: A Philosophical History for Our Times (2000); reviewed by Roberto Torretti..... | 4, 120 |
| <i>Gamow, George and Russell Stannard</i> : The NEW World of Mr Tompkins (1999), reviewed by Art Hobson..... | 4, 494 |
| <i>Gavroglu, Kostas and Ana Simões</i> : Neither Physics nor Chemistry: A History of Quantum Chemistry Age (2012); reviewed by R. Lovett, P.P. Gaspar, and L.G. Sobotka..... | 15, 510 |
| <i>Gertner, Jon</i> : The Idea Factory: Bell Labs and the Great Age of American Invention Age (2012); reviewed by Naomi Pasachoff..... | 15, 365 |
| <i>Ghirardi, GianCarlo</i> : Sneaking a Look at God's Cards: Unraveling the Mysteries of Quantum Mechanics, Revised Edition (2005) reviewed by Abner Shimony..... | 8, 347 |
| <i>Giere, Ronald</i> : Scientific Perceptivism (2006); reviewed by Allan Franklin..... | 9, 512 |
| <i>Giudice, Gian Francesco</i> : A Zeptospace Odyssey: A Journey into the Physics of the LHC (2010); reviewed by Ta-Pei Cheng..... | 13, 114 |
| <i>Gold, Barri J.</i> : ThermoPoetics: Energy in Victorian Literature and Science (2010); reviewed by Elisha Cohn..... | 13, 120 |
| <i>Goldsmith, Barbara</i> : Obsessive Genius: The Inner World of Marie Curie (2005); reviewed by Ruth Lewin Sime..... | 9, 118 |
| <i>Golub, Leon and Jay M. Pasachoff</i> : Nearest Star: The Surprising Science of our Sun (2001); reviewed by David P. Stern..... | 5, 238 |
| <i>Goodstein, David</i> : Fact and Fraud in Science: Cautionary tales from the front lines of science (2010); reviewed by Daniel Kleppner..... | 13, 244 |
| <i>Gore, Al</i> : An Inconvenient Truth: The Planetary Emergence of Global Warming And What We Can Do About It (2006); reviewed by Mark P. Silverman..... | 9, 259 |
| <i>Gorelik, Gennady with Antonina W. Bouis</i> : The World of Andrei Sakharov: A Russian Physicist's Path to Freedom (2005); reviewed by William E. Evenson..... | 8, 480 |

| | |
|---|-----------------|
| <i>Gray, Jeremy</i> : Henri Poincaré: A Scientific Biography Age (2013); reviewed by Hans Christian von Baeyer..... | 15 , 362 |
| <i>Greenberg, Daniel S.</i> : Science, Money, and Politics: Political Triumph and Ethical Erosion (2001); reviewed by John F. Ahearne..... | 4 , 362 |
| <i>Gribbin, John</i> : Erwin Schrödinger and the Quantum Revolution Age (2013); reviewed by Naomi Pasachoff..... | 15 , 502 |
| <i>Guimarães, Alberto P.</i> : From Lodestone to Supermagnets: Understanding Magnetic Phenomena (2005); reviewed by David J. Griffiths..... | 8 , 353 |
| <i>Haack, Susan</i> : Defending Science--Within Reason: Between Science and Cynicism (2003); reviewed by Allan Franklin..... | 6 , 484 |
| <i>Hargittai, István</i> : The Martians of Science: Five Physicists Who Changed the Twentieth Century (2006); reviewed by Arthur Stinner..... | 10 , 246 |
| <i>Hargittai, István</i> : The Road to Stockholm: Nobel Prizes, Science and Scientists (2002); reviewed by David Goodstein..... | 5 , 473 |
| <i>Hecht, Jeff</i> : Beam: The Race to Make the Laser (2005); reviewed by Nicolaas Bloembergen..... | 8 , 226 |
| <i>Hecht, Jeff</i> : City of Light: The Story of Fiber Optics (1999); reviewed by Thomas D. Rossing..... | 3 , 496 |
| <i>Heering, Peter, Falk Riess, and Christian Sichau</i> , ed.: Im Labor der Physikgeschichte: Zur Untersuchung historischer Experimentalpraxis (2000); reviewed by Friedrich Steinle..... | 5 , 122 |
| <i>Heilbron, J.L.</i> : Galileo (2010); reviewed by Michael W. Friedlander..... | 13 , 493 |
| <i>Hellyer, Marcus</i> : Catholic Physics: Jesuit Natural Philosophy in Early Modern Germany (2005); reviewed by John L. Hubisz..... | 8 , 477 |
| <i>Hentschel, Klaus</i> : Gaussens unsichtbare Hand: Der Universitäts-Mechanicus und Maschinen-Inspector Moritz Meyerstein: Ein Instrumentenbauer im 19. Jahrhundert (2005); reviewed by Klaus Staubermann..... | 8 , 479 |
| <i>Hentschel, Klaus</i> : The Mental Aftermath: The Mentality of German Physicists, 1945-1949 (2007); reviewed by Thomas M. Berez..... | 10 , 484 |
| <i>Herken, Greg</i> : Cardinal Choices: Presidential Science Advising from the Atomic Bomb to SDI (2000); reviewed by Hans Christian von Baeyer..... | 4 , 119 |
| <i>Hey, Anthony J.G.</i> , ed.: Feynman and Computation: Exploring the Limits of Computers (1999); reviewed by Paul L. DeVries..... | 2 , 220 |
| <i>Hey, Tony and Patrick Walters</i> : The New Quantum Universe (2003); reviewed by Daniel F. Styer..... | 7 , 381 |
| <i>Hirsch-Heisenberg, Anna Maria</i> , ed.: Werner Heisenberg, Liebe Eltern! Briefe aus kritischer Zeit 1918 bis 1945(2003); reviewed by David C. Cassidy..... | 7 , 253 |
| <i>Hockey, Thomas</i> : How We See the Sky: A Naked-Eye Tour of Day and Night; (2011) reviewed by Arlo U. Landolt..... | 14 , 518 |
| <i>Hoddeson, Lillian, Adrienne W. Kolb, and Catherine Westfall</i> : Fermilab: Physics, the Frontier, and Megascience (2008); reviewed by Gino Segre..... | 11 , 350 |
| <i>Hoffmann, Dieter and Mark Walker</i> , ed.: Physiker Zwischen Autonomie und Anpassung: Die Deutsche Physikalische Gesellschaft im Dritten Reich (2007); reviewed by Ruth Lewin Sime..... | 10 , 487 |
| <i>Hoffmann, Dieter and Mark Walker</i> , ed.: The German Physical Society in the Third Reich: Physicists between Autonomy and Accommodation. Translated by Ann M. Hentschel (2012); reviewed by Benjamin Bederson..... | 14 , 380 |
| <i>Holton, Gerald</i> : Victory and Vexation in Science: Einstein, Bohr, Heisenberg, and Others (2005); reviewed by David Park..... | 8 , 481 |
| <i>Hore, Peter</i> , ed.: Patrick Blackett: Sailor, Scientist and Socialist (2003); reviewed by A.P. French..... | 6 , 244 |
| <i>Hoskin, Michael</i> : The Construction of the Heavens: William Herschel's Cosmology (2012); reviewed by Barbara Ryden..... | 15 , 125 |
| <i>Huff, Toby E.</i> : Intellectual Curiosity and the Scientific Revolution: A Global Perspective (2011); reviewed by Allan Franklin..... | 14 , 120 |
| <i>Huggett, Nick</i> : Everywhere and Everywhen: Adventures in Physics and Philosophy (2010); reviewed by Peter Pesic..... | 13 , 376 |
| <i>Huggett, Nick</i> : Space from Zeno to Einstein (1999); reviewed by Richard H. Price..... | 1 , 457 |
| <i>Hunt, Bruce J.</i> : Pursuing Power and Light: Technology and Physics from James Watt to Albert | |

| | |
|---|---------|
| Einstein (2010); reviewed by Jacob Darwin Hamblin | 13, 117 |
| <i>Hunter, Graeme K.</i> : Light Is a Messenger: The Life and Science of William Lawrence Bragg (2004); reviewed by Charlo Lowe-Ma..... | 8, 106 |
| <i>Illy, József</i> : The Practical Einstein: Experiments, Patents, Invention (2012); reviewed by Mason Tattersall | 15, 123 |
| <i>Inwood, Stephen</i> : The Man Who Knew Too Much: The Strange and Inventive Life of Robert Hooke, 1673-1703 (2002); reviewed by Robert Weinstock..... | 6, 246 |
| <i>Isaacs, Alan</i> , ed.: A Dictionary of Physics (2000): reviewed by Charles H. Holbrow | 3, 251 |
| <i>Jackson, Myles W.</i> : Harmonious Triads: Physicists, Musicians, and Instrument Makers in Nineteenth-Century Germany (2006); reviewed by Thomas D. Rossing..... | 10, 130 |
| <i>Jackson, Myles W.</i> : Spectrum of Belief: Joseph von Fraunhofer and the Craft of Precision Optics (2000); reviewed by Jürgen Teichmann..... | 4, 117 |
| <i>Jayawardhana, Ray</i> : Strange New Worlds: The Search for Alien Planets and Life Beyond Our Solar System (2011); reviewed by Naomi Pasachoff..... | 14, 117 |
| <i>Jenkin, John</i> : William and Lawrence Bragg, Father and Son: the most extraordinary collaboration in Science (2008); reviewed by Guy Emery..... | 11, 457 |
| <i>Johnson, George</i> : Strange Beauty: Murray Gell-Mann and the Revolution in Twentieth Century Physics (1999); reviewed by Martin L. Perl..... | 3, 130 |
| <i>Johnston, Sean F.</i> : A History of Light and Colour Measurements: Science in the Shadows (2001), reviewed by Hans Christian von Baeyer..... | 4, 491 |
| <i>Johnston, Sean F.</i> : History of Science: A Beginner's Guide (2009); reviewed by Catherine Westfall..... | 12, 364 |
| <i>Johnston, Sean F.</i> : Holographic Visions: A History of New Science (2006); reviewed by Jeff Hecht..... | 9, 383 |
| <i>Jones, Sheilla</i> : The Quantum Ten: A Story of Passion, Tragedy, Ambition, and Science ((2008); reviewed by Benjamin Bederson..... | 11, 231 |
| <i>Josephson, Paul</i> : Lenin's Laureate: Zhores Alferov's Life in Communist Science (2010); reviewed by Sidney Borowitz..... | 13, 486 |
| <i>Kaiser, David</i> : Drawing Theories Apart: The Dispersion of Feynman Diagrams in Postwar Physics (2005); reviewed by G. Peter Lepage..... | 9, 120 |
| <i>Kelly, Cynthia C.</i> , ed.: The Manhattan Project: The Birth of the Atomic Bomb in the Words of its Creators, Eyewitnesses, and Historians (2007); reviewed by Benjamin Bederson..... | 10, 372 |
| <i>Kennefick, Daniel</i> : Traveling at the Speed of Thought: Einstein and the Quest for Gravitational Waves (2007); reviewed by Hans Christian von Baeyer..... | 10, 369 |
| <i>Kevles, Bettyann Holtzmann</i> : Naked to the Bone: Medical Imaging in the Twentieth Century (1997); reviewed by Leif Gerward..... | 1, 337 |
| <i>Kirshner, Robert P.</i> : The Extravagant Universe: Exploding Stars, Dark Energy, and the Accelerating Cosmos (2002); reviewed by Jay M. Pasachoff..... | 6, 241 |
| <i>Kovács, László and László Kovács, Jr.</i> : George de Hevesy; Loránd Eötvös; Eugene P. Wigner and his Hungarian Teachers; László Rátz and John von Neumann; Zemplén (2000-2004); reviewed by Roger H. Stuewer..... | 7, 498 |
| <i>Kragh, Helge</i> : Conceptions of Cosmos: From Myths to the Accelerating Universe: A History of Cosmology (2007); reviewed by David Goodstein..... | 10, 254 |
| <i>Kragh, Helge</i> : Conceptions of Cosmos: From Myths to the Accelerating Universe: A History of Cosmology (2007); reviewed by Virginia Trimble..... | 11, 109 |
| <i>Kragh, Helge</i> : Cosmology and Controversy: The Historical Development of Two Theories of the Universe (1996); reviewed by J. Christopher Hunt..... | 3, 249 |
| <i>Kragh, Helge</i> : Niels Bohr and the Quantum Atom: The Bohr Model of Atomic Structure 1913-1925 (2012); reviewed by Gino Segrè..... | 15, 245 |
| <i>Kragh, Helge</i> : Quantum Generations: A History of Physics in the Twentieth Century (1999); reviewed by James T. Cushing..... | 2, 217 |
| <i>Kragh, Helge</i> : The Moon that Wasn't: The Saga of Venus' Spurious Satellite (2008); reviewed by Jay M. Pasachoff and Naomi Pasachoff..... | 12, 105 |
| <i>Labinger, Jay A. and Harry Collins</i> , ed.: The One Culture? A Conversation about Science (2001); reviewed by Michael A Day..... | 4, 248 |

| | |
|---|---------|
| <i>Laidler, Keith J.</i> : Science and Sensibility: The Elegant Logic of the Universe (2004); reviewed by Michelle B. Larson..... | 7, 501 |
| <i>Larsen, Kristine</i> : Stephen Hawking: A Biography (2007); reviewed by Jay M. Pasachoff and Naomi Pasachoff..... | 10, 489 |
| <i>Laughlin, Robert B.</i> : A Different Universe: Reinventing Physics from the Bottom Down (2006); reviewed by Robert C. Hilborn..... | 9, 118 |
| <i>Leammerich, Jost</i> : Science and Conscience: The Life of James Franck. Translated by Ann M. Hentschel (2011); reviewed by Hans C. von Baeyer..... | 14, 246 |
| <i>Levin, Janna</i> : How the Universe Got Its Spots: Diary of a Finite Time in a Finite Space (2002); reviewed by Peter Lindenfeld..... | 5, 475 |
| <i>Levitt, Theresa</i> : The Shadow of Enlightenment: Optical and Political Transparency in France 1789-1848 (2009); reviewed by Sidney Perkowitz..... | 12, 234 |
| <i>Lindley, David</i> : Degrees Kelvin: A Tale of Genius, Invention, and Tragedy (2004); reviewed by J.R. Dorfman..... | 8, 107 |
| <i>Lockwood, Michael</i> : The Labyrinth of Time: Introducing the Universe (2005); reviewed by Robert M. Wald..... | 9, 378 |
| <i>Magueijo, Joao</i> : A Brilliant Darkness: The Extraordinary Life and Mysterious Disappearance of Ettore Majorana, the Troubled Genius of the Nuclear Age (2009); reviewed by Gino Segre..... | 12, 365 |
| <i>Malin, Shimon</i> : Nature Loves to Hide: Quantum Physics and Reality, a Western Perspective (2001); reviewed by James T. Cushing..... | 4, 245 |
| <i>Malley, Marjorie C.</i> : Radioactivity: A History of a Mysterious Science (2011); reviewed by Ruth Lewin Sime..... | 14, 245 |
| <i>Marage, Pierre and Grégoire Wallenborn</i> , ed.: The Solvay Councils and the Birth of Modern Physics (1999); reviewed by Hans Christian von Baeyer..... | 2, 111 |
| <i>Marshall, Stephanie Pace, Judith A. Scheppler, and Michael J. Palmisano</i> , ed.: Science Literacy for the Twenty-First Century (2003); reviewed by Art Hobson..... | 6, 365 |
| <i>Martínez, Alberto A.</i> : Kinematics: The Lost Origins of Einstein's Relativity (2009); reviewed by Hans C. Ohanian..... | 12, 236 |
| <i>Martinez, Alberto</i> : Science Secrets: The Truth about Darwin's Finches, Einstein's Wife, and Other Myths (2011); reviewed by Gino Segre..... | 13, 495 |
| <i>Matricon, Jean and Georges Waysand</i> : The Cold Wars: A History of Superconductivity (2003); reviewed by Nai-Chang Yeh..... | 7, 259 |
| <i>Maudlin, Tim</i> : Philosophy of Physics: Space and Time (2012); reviewed by Amit Hagar..... | 15, 247 |
| <i>McCray, W. Patrick</i> : The Visioneers: How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future (2013); reviewed by Bernard J. Feldman..... | 15, 361 |
| <i>Mehra, Jagdish and Kimball A. Milton</i> : Climbing the Mountain: The Scientific Biography of Julian Schwinger (2000); reviewed by Edward Gerjuoy..... | 5, 124 |
| <i>Meli, Domenico Bertoloni</i> : Thinking with Objects: The Transformation of Mechanics in the Seventeenth Century (2006); reviewed by Thomas B. Greenslade, Jr..... | 9, 510 |
| <i>Melia, Fulvio</i> : Cracking the Einstein Code: Relativity and the Birth of Black Hole Physics (2009); reviewed by Edwin F. Taylor..... | 12, 502 |
| <i>Miller, Arthur I.</i> : Deciphering the Cosmic Number: The Strange Friendship of Wolfgang Pauli and Carl Jung (2009); reviewed by Hans Christian von Baeyer..... | 12, 497 |
| <i>Miller, Arthur I.</i> : Einstein, Picasso: Space, Time, and the Beauty That Causes Havoc (2001); reviewed by David Goodstein..... | 4, 247 |
| <i>Miller, Arthur I.</i> : Empire of the Stars: Friendship, Obsession and Betrayal in the Quest for Black Holes (2005); reviewed by Michael W. Friedlander..... | 10, 132 |
| <i>Montgomery, Scott L.</i> : Science in Translation: Movements of Knowledge through Cultures and Time (2000); reviewed by Alan E. Shapiro..... | 4, 361 |
| <i>Moore, Kelly</i> : Disturbing Science (2008); reviewed by Michael W. Friedlander..... | 11, 465 |
| <i>Morris, Richard</i> : The Last Socrers: The Path from Alchemy to the Periodic Table (2003); reviewed by Peter J. Ramberg..... | 7, 134 |
| <i>Morus, Iwan Rhys</i> : When Physics Became King (2005); reviewed by Per F. Dahl..... | 8, 225 |

| | |
|--|---------|
| <i>Muller, Richard A.</i> : Physics and Technology for Future Presidents: An Introduction to the Essential Physics Every World Leader Needs to Know (2010); reviewed by Robert C. Hilborn..... | 13, 247 |
| <i>Nath, Biman</i> : The Story of Helium and the Birth of Astrophysics (2012); reviewed by Virginia Trimble | 15, 364 |
| <i>Navarro, Jaume</i> : A History of the Electron: J.J. Thomson and G.P. Thomson (2012); reviewed by Hans Christian von Baeyer..... | 15, 249 |
| <i>Newton, Roger G.</i> : From Clockwork to Crapshoot: A History of Physics (2007); reviewed by Hans Christian von Baeyer | 10, 252 |
| <i>Nimtz, Günther and Astrid Haibel</i> : Zero Time Space: How Quantum Tunneling Broke the Light Speed Barrier (2008); reviewed by Benjamin Bederson..... | 11, 462 |
| <i>Nussbaumer, Harry and Lydia Bieri</i> : Discovering the Expanding Universe (2009); reviewed by Naomi Pasachoff..... | 12, 353 |
| <i>Nye, Mary Jo</i> : Michael Polanyi and His Generation (2011); reviewed by Allan Franklin..... | 14, 514 |
| <i>Nye, Mary Jo</i> , ed.: The Modern Physical and Chemical Sciences. Vol. 5. The Cambridge History of Science (2003); reviewed by Ruth Lewin Sime | 6, 477 |
| <i>Omnès, Ronald</i> : Converging Realities: Toward a Common Philosophy of Physics and Mathematics (2005); reviewed by Ronald E. Mickens..... | 8, 486 |
| <i>Omnès, Roland</i> : Quantum Philosophy: Understanding and Interpreting Contemporary Science (1999); reviewed by Eugen Merzbacher..... | 3, 250 |
| <i>Omnès, Roland</i> : Understanding Quantum Mechanics (1999); reviewed by Donald Kobe..... | 4, 360 |
| <i>Osler, Margaret J.</i> : Reconfiguring the World: Nature, God, and Human Understanding from the Middle Ages to Early Modern Europe (2010); reviewed by Gregory A. Good..... | 14, 252 |
| <i>Overbye, Dennis</i> : Einstein in Love: A Scientific Romance (2002); reviewed by Hans Christian von Baeyer..... | 3, 375 |
| <i>Pais, Abraham with supplemental material by Robert P. Crease</i> : J. Robert Oppenheimer: A Life (2006); reviewed by Daniel Kleppner..... | 9, 505 |
| <i>Palevsky, Mary</i> : Atomic Fragments: A Daughter's Questions (2000); reviewed by Benjamin Bederson.... | 3, 253 |
| <i>Pancaldi, Giuliano</i> : Volta: Science and Culture in the Age of Enlightenment (2003); reviewed by Antonio Aurilia..... | 6, 478 |
| <i>Park, David</i> : The Grand Contraption: The World as Myth, Number, and Chance (2005); reviewed by Hans Christian von Baeyer..... | 8, 354 |
| <i>Parker, Barry</i> : Albert Einstein's Vision: Remarkable Discoveries That Shaped Modern Science (2004); reviewed by Renee D. Diehl..... | 7, 491 |
| <i>Perkovich, George</i> : India's Nuclear Bomb: The Impact on Global Proliferation (1999); reviewed by William A. Blanpied..... | 2, 447 |
| <i>Pesic, Peter</i> : Abel's Proof: An Essay on the Sources and Meaning of Mathematical Unsolvability (2003); reviewed by Roger G. Newton..... | 6, 482 |
| <i>Pesic, Peter</i> : Sky in a Bottle (2004); reviewed by Robert Greenler..... | 9, 122 |
| <i>Peterson, Mark A.</i> : Galileo's Muse: Renaissance Mathematics and the Arts (2011); reviewed by Robert P. Crease..... | 14, 250 |
| <i>Porter, Neil A.</i> : Physicists in Conflict: From Antiquity to the new Millennium (1998); reviewed by Stephen G. Brush..... | 1, 339 |
| <i>Porter, Roy</i> , ed.: Eighteenth-Century Science. Vol. 4. The Cambridge History of Science (2003); reviewed by Thomas L. Hankins..... | 6, 364 |
| <i>Poundstone, William</i> : Carl Sagan: A Life in the Cosmos (1999); reviewed by Philip B. James..... | 2, 219 |
| <i>Pullman, Bernard</i> : The Atom in the History of Human Thought (1998); reviewed by Hans Christian von Baeyer..... | 1, 118 |
| <i>Purinton, Robert D.</i> : Physics in the Nineteenth Century (1997); reviewed by Erwin N. Hiebert..... | 1, 225 |
| <i>Quinn, Helen R. and Yossi Nir</i> : The Mystery of the Missing Antimatter (2008); reviewed by Allan Franklin..... | 11, 235 |
| <i>Randall, Lisa</i> : Knocking on Heaven's Door: How Physics and Scientific Thinking Illuminate the Universe and the Modern World (2011); reviewed by William E. Evenson..... | 14, 371 |
| <i>Renn, Jürgen</i> , ed.: Galileo in Context (2002); reviewed by William A. Wallace..... | 5, 474 |
| <i>Rentetzi, Maria</i> : Trafficking Materials and Gendered Experimental Practices: Radium Research in | |

| | |
|--|-----------------|
| Early 20 th Century Vienna (2007); reviewed by Jeff Hughes..... | 11 , 348 |
| <i>Rentetzi, Maria</i> : Trafficking Materials and Gendered Experimental Practices: Radium Research in Early 20 th Century Vienna (2008); reviewed by Hans Christian von Baeyer..... | 12 , 110 |
| <i>Roberts, Lissa, Simon Schaffer, and Peter Dear</i> , ed.: The Mindful Hand: Inquiry and Invention from the Late Renaissance to Early Industrialisation (2007); reviewed by Thomas B. Greenslade, Jr..... | 11 , 111 |
| <i>Rose, Paul Lawrence</i> : Heisenberg and the Nazi Atomic Bomb Project: A Study in German Culture (1998); reviewed by Michael J. Neufeld..... | 1 , 227 |
| <i>Rosenblum, Bruce and Fred Kuttner</i> : Quantum Enigma: Physics Encounters Consciousness (2008); reviewed by Benjamin Bederson..... | 11 , 462 |
| <i>Rosner, Robert and Brigitte Strohmaier</i> , ed.: Marietta Blau--Sterne der Zertrümmerung: Biographie einer Wegbereiterin der modernen Teilchenphysik (2003); reviewed by Roger H. Stuewer..... | 6 , 362 |
| <i>Rowe, David E. and Robert Schulmann</i> , ed.: Einstein on Politics: His Private Thoughts and Public Stands on Nationalism, Zionism, War, Peace, and the Bomb (2007); reviewed by Charles H. Holbrow..... | 11 , 112 |
| <i>Rupke, Nicolaas A.</i> : Alexander von Humboldt: A Metabiography (2008); reviewed by John L. Roeder... | 12 , 108 |
| <i>Russell, Colin A.</i> : Michael Faraday: Physics and Faith (2000); reviewed by Geoffrey Cantor..... | 3 , 373 |
| <i>Sample, Ian</i> : Massive: The Missing Particle that Sparked the Greatest Hunt in Science (2010); reviewed by Hans Christian von Baeyer..... | 13 , 380 |
| <i>Scarani, Valerio</i> : Quantum Physics: A First Encounter, Interference, Entanglement, and Reality (2006); reviewed by John S. Rigden..... | 9 , 379 |
| <i>Scerri, Eric R.</i> : The Periodic Table: Its Story and Significance (2007); reviewed by Lee G. Sobotka..... | 10 , 374 |
| <i>Schewe, Phillip</i> : The Pioneering Odyssey of Freeman Dyson, Maverick Genius (2013); reviewed by David Goodstein..... | 15 , 5 |
| <i>Schneider, Eric and Dorion Sagan</i> : Into the Cool: Energy Flow, Thermodynamics, and Life (2005); reviewed by Anders Carlsson..... | 9 , 514 |
| <i>Schofield, Robert E.</i> : The Enlightenment of Joseph Priestley: A Study of His Life and Work from 1733 to 1773 (1997); reviewed by A. Truman Schwartz..... | 3 , 495 |
| <i>Schweber, Silvan S.</i> : Einstein and Oppenheimer: The Meaning of Genius (2008); reviewed by Gregory A. Good..... | 11 , 467 |
| <i>Schweber, Silvan S.</i> : In the Shadow of the Bomb: Bethe, Oppenheimer, and the Moral Responsibility of the Scientist (2000); reviewed by Hans Frauenfelder..... | 3 , 493 |
| <i>Schweber, Silvan S.</i> : Nuclear Forces: The Making of the Physicist Hans Bethe (2012); reviewed by David Goodstein..... | 15 , 244 |
| <i>Segrè, Gino</i> : Ordinary Geniuses: Max Delbrück, George Gamow, and the Origins of Genomics and Big Bang Cosmology (2011); reviewed by David C. Cassidy..... | 14 , 248 |
| <i>Seth, Suman</i> : Crafting the Quantum: Arnold Sommerfeld and the Practice of Theory, 1890-1926 (2010); reviewed by Cathryn Carson..... | 13 , 118 |
| <i>Shurkin, Joel N.</i> : Broken Genius: The Rise and Fall of William Shockley, Creator of the Electronic Age (2006); reviewed by William F. Brinkman..... | 9 , 256 |
| <i>Smith, Crosbie</i> : The Science of Energy: A Cultural History of Energy Physics in Victorian Britain (1998); reviewed by Clayton A. Gearhart..... | 1 , 458 |
| <i>Smolin, Lee</i> : Time Reborn: From the Crisis in Physics to the Future of the Universe (2013); reviewed by Hans Christian von Baeyer..... | 15 , 507 |
| <i>Sokal, Alan</i> : Behind the Hoax: Science, Philosophy, and Culture (2008); reviewed by David Goodstein..... | 11 , 237 |
| <i>Stachel, John</i> : Einstein from "B" to "Z" (2002); reviewed by Alberto A. Martinez..... | 5 , 352 |
| <i>Stacy, Weston M.</i> : The Quest for a Fusion Energy Reactor (2010); reviewed by Bernard J. Feldman..... | 13 , 116 |
| <i>Stanley, Matthew</i> : Practical Mystic: Religion, Science, and A.S. Eddington (2007); reviewed by Paul G. Nyce..... | 11 , 107 |
| <i>Stein, James D.</i> : Cosmic Numbers: The Numbers That Define Our Universe (2011); reviewed by Thomas R. Greenlee..... | 14 , 517 |
| <i>Strohmaier, Brigitte and Robert Rosner</i> : Marietta Blau--Stars of Disintegration: Biography of a Pioneer of Particle Physics (2006); reviewed by Virginia Trimble..... | 10 , 127 |

| | |
|---|---------|
| <i>Teller, Edward with Judith Shoolery: Memoirs: A Twentieth-Century Journey in Science and Politics</i> (2001); reviewed by Albert Wattenberg..... | 5, 349 |
| <i>Torretti, Roberto: The Philosophy of Physics</i> (1999); reviewed by Jeremy Butterfield..... | 2, 327 |
| <i>Townes, Charles H.: How the Laser Happened: Adventures of a Scientist</i> (1999); reviewed by William F. Brinkman..... | 1, 459 |
| <i>Turchetti, Simone: The Pontecorvo Affair: A Cold War Defection and Nuclear Physics</i> (2012); reviewed by Gino Segrè..... | 15, 121 |
| <i>Tyson, Neil deGrasse: The Sky is Not the Limit: Adventures of an Urban Astrophysicist</i> (2004); reviewed by Virginia Trimble..... | 7, 492 |
| <i>Walls, Laura Dassow: The Passage to Cosmos: Alexander von Humboldt and the Shaping of America</i> (2009); reviewed by Hans Christian von Baeyer..... | 12, 361 |
| <i>Warwick, Andrew: Masters of Theory: Cambridge and the Rise of Mathematical Physics</i> (2003); reviewed by Michael J. Harrison..... | 7, 130 |
| <i>Watson, Andrew: The Quantum Quark</i> (2004); reviewed by Roy F. Schwitters..... | 7, 499 |
| <i>Weinberg, Steven: Facing Up: Science and Its Cultural Adversaries</i> (2001); reviewed by Kenneth W. Ford..... | 4, 365 |
| <i>Weinberg, Steven: Lake Views</i> (2009); reviewed by Kimball A. Milton..... | 12, 503 |
| <i>Weinberg, Steven: The Discovery of Subatomic Particles</i> (2003); reviewed by Laurie M. Brown..... | 6, 485 |
| <i>Weintraub, David A.: How Old Is The Universe?</i> (2011); reviewed by John L. Roeder..... | 14, 116 |
| <i>Weiss, Richard J.: A Physicist Remembers</i> (2007); reviewed by William E. Evenson..... | 10, 485 |
| <i>Weyl, Hermann: Mind and Nature: Selected Writings on Philosophy, Mathematics, and Physics</i> (2009); ed. Peter Pesic; reviewed by Thomas Ryckman..... | 12, 238 |
| <i>Wheeler, John Archibald with Kenneth Ford: Geons, Black Holes and Quantum Foam: A Life in Physics</i> (1998); reviewed by Bryce DeWitt..... | 1, 224 |
| <i>Wolfson, Richard: Simply Einstein: Relativity Demystified</i> (2003); reviewed by Edwin F. Taylor..... | 7, 132 |
| <i>Wudka, Jose: Space-Time, Relativity, and Cosmology</i> (2005); reviewed by Virginia Trimble..... | 9, 123 |
| <i>Ziman, John: Real Science: What it Is and What it Means</i> (2000); reviewed by Allan Franklin..... | 3, 490 |

Anecdotes

| | |
|---|---------|
| <i>(Hans A. Bethe) The (Almost) Complete Physicist</i> | 11, 103 |
| <i>(Patrick M.S. Blackett) Two Strong Personalities</i> | 6, 248 |
| <i>(Niels Bohr) Bohr and Buddha</i> | 1, 183 |
| <i>(Niels Bohr) The Wrongness of Racial Prejudice</i> | 1, 281 |
| <i>(Niels Bohr) Opposites and Truth</i> | 2, 425 |
| <i>(Niels Bohr) How to Mix Sweets</i> | 3, 132 |
| <i>(Niels Bohr) Great Dane</i> | 3, 248 |
| <i>(Niels Bohr) Bohr and the Rabbi</i> | 6, 367 |
| <i>(Niels Bohr) How to Hit a Telephone Pole</i> | 6, 486 |
| <i>(Niels Bohr) The Cat with Three Tails</i> | 9, 117 |
| <i>(William H. Bragg) Need to Work</i> | 1, 34 |
| <i>(Paul A.M. Dirac) Talkers and Thinkers</i> | 2, 210 |
| <i>(Paul A.M. Dirac) Geometrical versus Algebraical Thinking</i> | 2, 453 |
| <i>(Paul A.M. Dirac) The Direct Approach Paid</i> | 4, 366 |
| <i>(Paul A.M. Dirac) Sign Mistake</i> | 10, 480 |
| <i>(DuBridge, Lee A.) The Scientist's Job</i> | 5, 309 |
| <i>(Arthur S. Eddington) Intellectual Standards</i> | 4, 229 |
| <i>(Arthur S. Eddington) Adding One</i> | 5, 418 |
| <i>(Albert Einstein) Ein Limerick</i> | 1, 214 |
| <i>(Albert Einstein) The Limitations of Science</i> | 2, 203 |
| <i>(Albert Einstein) Albert Einstein to a German Club in New York, September 1920</i> | 5, 66 |
| <i>(Enrico Fermi) The Common Man</i> | 1, 336 |
| <i>(G.J. Flim) G.J. Flim, Kamerlingh Onnes's Famous Technical Factotum</i> | 6, 223 |

| | |
|---|--------|
| (James Franck) Admit Your Mistakes..... | 6, 75 |
| (George Gamow) Late Riser..... | 3, 372 |
| (Samuel Goudsmit) Foreign Languages No Problem..... | 2, 216 |
| (Fritz Haber) Good Rule..... | 4, 495 |
| (Hermann von Helmholtz) No Strict Prohibition..... | 1, 366 |
| (Gustav Hertz) Practical Joke..... | 5, 173 |
| (Heinrich Hertz) From the <i>New York Times</i> , March 26, 1938..... | 4, 242 |
| (David Hilbert) Astrology and Science..... | 3, 424 |
| (Fritz Houtermans) Titles on Toilets..... | 7, 129 |
| (Peter Kapitza) A Child Needs Support..... | 2, 312 |
| (Theodore von Kármán) Principle of Inertia Explained..... | 1, 64 |
| (Hendrik A. Kramers) Dresden on Kramers..... | 5, 233 |
| (Ernest O. Lawrence) Nobel Prize..... | 8, 101 |
| (J. Robert Oppenheimer) Mistakes versus Crimes..... | 2, 5 |
| (J. Robert Oppenheimer) Strong Opinions..... | 3, 75 |
| (Max Planck) Berlin Babylon..... | 2, 445 |
| (I.I. Rabi) A Scientist's Responsibility..... | 1, 135 |
| (I.I. Rabi) Rabi's Vision..... | 7, 164 |
| (Emil Rupp) Analogical Reasoning..... | 1, 21 |
| (Ernest Rutherford) Radium Lookalike..... | 2, 99 |
| (Ernest Rutherford) A Few More Pounds..... | 3, 313 |
| (Ernest Rutherford) No Place Like Home..... | 4, 77 |
| (Ernest Rutherford) Rutherford is Crazy..... | 7, 263 |
| (Ernest Rutherford) Repeat, Please..... | 9, 125 |
| (Arnold Sommerfeld) Herr Geheimrat..... | 1, 252 |
| (J.J. Thomson) Fickle Fame..... | 1, 53 |
| (Bruno Touschek) Pauli the Cat..... | 6, 41 |
| (Robert W. Wood) How to Clean a Spectroscope..... | 3, 461 |

Grooks

| | |
|--|--------|
| <i>Piet Hein</i> : PROBLEMS..... | 1, 237 |
| <i>Piet Hein</i> : THE ROAD TO WISDOM..... | 1, 327 |
| <i>Piet Hein</i> : SOCIAL MECHANISM..... | 1, 389 |
| <i>Piet Hein</i> : MANKIND..... | 2, 29 |
| <i>Piet Hein</i> : SMALL THINGS AND GREAT..... | 2, 107 |
| <i>Piet Hein</i> : I'D LIKE..... | 2, 134 |
| <i>Piet Hein</i> : THE ONLY SOLUTION..... | 2, 332 |
| <i>Piet Hein</i> : THE ARITHMETIC OF CO-OPERATION..... | 2, 380 |
| <i>Piet Hein</i> : GEOLOGICAL ORDER..... | 2, 397 |
| <i>Piet Hein</i> : ABREAST..... | 3, 51 |
| <i>Piet Hein</i> : WHAT'S NEXT?..... | 3, 105 |
| <i>Piet Hein</i> : THE OVERDOERS..... | 3, 270 |
| <i>Piet Hein</i> : ATOMYRIADES..... | 3, 334 |
| <i>Piet Hein</i> : NUMBERS..... | 3, 438 |
| <i>Piet Hein</i> : UP TO THE MINUTE..... | 3, 489 |
| <i>Piet Hein</i> : GROOK ON LONG-WINDED AUTHORS..... | 4, 12 |
| <i>Piet Hein</i> : THE GREAT AND THE SMALL..... | 4, 39 |
| <i>Piet Hein</i> : UNQUALIFIED QUALIFICATION..... | 4, 215 |
| <i>Piet Hein</i> : REJUVENATION THERAPY..... | 4, 240 |
| <i>Piet Hein</i> : LAST THINGS FIRST..... | 4, 266 |
| <i>Piet Hein</i> : HOW WE WONDER?..... | 4, 398 |
| <i>Piet Hein</i> : WISDOM IS..... | 4, 446 |
| <i>Piet Hein</i> : LOOK ANEW..... | 5, 205 |

| | |
|--|---------|
| <i>Piet Hein</i> : ONE'S OWN WEATHER..... | 5, 280 |
| <i>Piet Hein</i> : THE OPTIMIST'S OBELISK..... | 5, 348 |
| <i>Piet Hein</i> : PROGRAMME FOR LIVING..... | 5, 397 |
| <i>Piet Hein</i> : OUR OWN MOTES..... | 6, 28 |
| <i>Piet Hein</i> : TECHNOCY..... | 6, 122 |
| <i>Piet Hein</i> : PRIMOGENITURE..... | 6, 183 |
| <i>Piet Hein</i> : TIME..... | 6, 240 |
| <i>Piet Hein</i> : THE MIRROR..... | 6, 343 |
| <i>Piet Hein</i> : TRANSMUTATION..... | 6, 361 |
| <i>Piet Hein</i> : MISSING LINK..... | 6, 400 |
| <i>Piet Hein</i> : FAME..... | 7, 65 |
| <i>Piet Hein</i> : TWO PASSIVISTS..... | 7, 106 |
| <i>Piet Hein</i> : SPEED IT UP..... | 7, 203 |
| <i>Piet Hein</i> : NAIVE..... | 7, 252 |
| <i>Piet Hein</i> : THE TRICK OF NO CHANCE..... | 7, 386 |
| <i>Piet Hein</i> : DARTS..... | 7, 490 |
| <i>Piet Hein</i> : VITA BREVIS..... | 7, 502 |
| <i>Piet Hein</i> : WE DO OUR BEST..... | 8, 51 |
| <i>Piet Hein</i> : MASQUERADE..... | 8, 89 |
| <i>Piet Hein</i> : THOUGHTS ON A STATION PLATFORM..... | 8, 221 |
| <i>Piet Hein</i> : ADVICE AT NIGHTFALL..... | 8, 224 |
| <i>Piet Hein</i> : REFLECTION RE FRACTIONS..... | 8, 254 |
| <i>Piet Hein</i> : FOR BETTER OR..... | 8, 346 |
| <i>Piet Hein</i> : THE BOAST..... | 8, 465 |
| <i>Piet Hein</i> : THE MIRACLE OF SPRING..... | 9, 69 |
| <i>Piet Hein</i> : THE COMMON WELL..... | 9, 114 |
| <i>Piet Hein</i> : GLOBAL EGO..... | 9, 262 |
| <i>Piet Hein</i> : PLEASE FIND..... | 9, 374 |
| <i>Piet Hein</i> : A PSYCHOLOGICAL TIP..... | 9, 385 |
| <i>Piet Hein</i> : WARNING..... | 10, 134 |
| <i>Piet Hein</i> : MULTIPLOY..... | 10, 243 |
| <i>Piet Hein</i> : EXPERTS..... | 10, 395 |
| <i>Piet Hein</i> : CROSS-WORLD..... | 10, 437 |
| <i>Piet Hein</i> : KEEPING COUNT..... | 11, 116 |
| <i>Piet Hein</i> : REVELATDION AT MIDNIGHT..... | 11, 230 |
| <i>Piet Hein</i> : APPRECIATION..... | 11, 335 |
| <i>Piet Hein</i> : ANGEL FOOD..... | 11, 353 |
| <i>Piet Hein</i> : DO IT NOW!..... | 11, 456 |
| <i>Piet Hein</i> : CARDINAL POLICY..... | 12, 118 |
| <i>Piet Hein</i> : WIDE ROAD..... | 12, 244 |
| <i>Piet Hein</i> : OCCUPATIONAL HAZARD..... | 12, 368 |
| <i>Piet Hein</i> : THE TWELVE STAGES..... | 12, 506 |
| <i>Piet Hein</i> : GLOBAL VIEWS..... | 13, 124 |
| <i>Piet Hein</i> : THE HELPING HAND..... | 13, 256 |
| <i>Piet Hein</i> : WHO IS LEARNED?..... | 13, 383 |
| <i>Piet Hein</i> : WE HAVE TO HAVE IT..... | 13, 498 |

Physics in Perspective

Editors-in-Chief: Crease, R.P.; Pesic, P.

ISSN: 1422-6944 (print version)

ISSN: 1422-6960 (electronic version)

Journal no. 16

Birkhäuser Basel