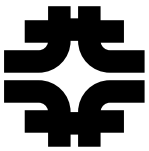

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Physics History Books in the Fermi National Accelerator Laboratory (Fermilab) Library, 1999

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Physics History Books in the Fermi National Accelerator Laboratory (Fermilab) Library, 1999 Compiled by Sara Tompson, Fermilab Library Administrator

Fermilab is a basic research high-energy physics laboratory operated by Universities Research Association, Inc. under contract to the U.S. Department of Energy. Fermilab researchers utilize the Tevatron particle accelerator (currently the world's most powerful accelerator) to better understand subatomic particles as they exist now and as they existed near the birth of the universe.

A collection review of the Fermilab Library monographs was conducted during the summers of 1998 and 1999. While some items were identified for deselection, the review proved most fruitful in highlighting some of the strengths of the Fermilab monograph collection. One of these strengths is history of physics, including biographies and astrophysics.

A bibliography of the physics history books in the collection as of Summer, 1999 follows, arranged by author. Note that the call numbers are Library of Congress classification.

QC789.2.D4 A27 1990
Title: Redirecting science: Niels Bohr, philanthropy, and the rise of nuclear physics.
Author: Aaserud, Finn.
Date/Source: Cambridge ; New York: Cambridge University Press, 1990.

QC787.P3 A5
Title: Particle accelerators and scientific culture.
Author: Amaldi, U.
Date/Source: Geneva: Organisation européenne pour la recherche nucléaire (CERN), 1979.
Series: CERN ; 79- 06

QC791.96 .R284
Title: Reminiscences of Los Alamos, 1943-1945.
Author: Badash, Lawrence, Joseph O. Hirschfelder, and Herbert P. Broida, eds.
Date/Source: Dordrecht, Holland, 1980.
Series: Studies in the history of modern science ; v. 5

QB539.S65 S64 1994
Title: Solar neutrinos: the first thirty years.
Author: Bahcall, John N., et al, eds.
Date/Source: Reading, Mass.: Addison-Wesley, 1994.
Series: Frontiers in physics ; v. 92

QC16.B46 B458
Title: Hans Bethe, prophet of energy.
Author: Bernstein, Jeremy.
Date/Source: New York: Basic Books, 1980.

QC773.3.G3 B47 1995
Title: Hitler's uranium club: the secret recordings at Farm Hall
Author: Bernstein. Jeremy; introduction by David Cassidy.
Date/Source: Woodbury, N.Y.: American Institute of Physics, 1996.

QB981 .M774 1991
Title: Modern cosmology in retrospect.
Author: Bertotti, B., et al., eds.
Date/Source: Cambridge [England] ; New York: Cambridge University Press, 1991.

U264 .B455 1991
Title: The road from Los Alamos.
Author: Bethe, Hans Albrecht.
Date/Source: New York, NY: American Institute of Physics, 1991.
Series: Masters of modern physics

QC9.G3 B468
Title: Scientists under Hitler: politics and the physics community in the Third Reich.
Author: Beyerchen, Alan D.
Date/Source: New Haven: Yale University Press, 1977.

T14.5 .S6375
Title: The Social construction of technological systems: new directions in the sociology and history of technology.
Author: Bijker, Wiebe E., Thomas P. Hughes, and Trevor J. Pinch, eds.
Date/Source: Cambridge, Mass.: MIT Press, 1987.

QC16.T37 B57 1990
Title: Edward Teller: giant of the golden age of physics: a biography.
Author: Blumberg, Stanley A. and Louis G. Panos.
Date/Source: New York: Scribner's, 1990.

QC793.16 .P56 1989
Title: Pions to quarks: particle physics in the 1950s -- based on a Fermilab symposium.
Author: Brown, Laurie M., et al., eds.
International Symposium on the History of Particle Physics (2nd: 1985: Batavia, Ill.)
Date/Source: Cambridge [Eng.] ; New York: Cambridge University Press, 1989.

QC174.17.R46 R46 1993
Title: Renormalization: from Lorentz to Landau (and beyond).
Author: Brown, Laurie M., ed.
Date/Source: New York: Springer, 1993.

QC7 .T84 1995
Title: Twentieth century physics.
Author: Brown, Laurie M., Pais, Abraham, and Pippard, A. B., eds.
Date/Source: New York: American Institute of Physics Press, 1995.

Z8395.513 .C38 1984
Title: Werner Heisenberg: a bibliography of his writings.
Author: Cassidy, David C. and Baker, Martha.
Date/Source: [Berkeley]: Office for History of Science and Technology, University of California, Berkeley, 1984.
Series: Berkeley papers in history of science; 9

QC776 .A46 1992
Title: AIP study of multi-institutional collaborations. Phase I: high-energy physics.
Author: Center for History of Physics (American Institute of Physics)
Date/Source: New York, NY: Center for History of Physics, American Institute of Physics, 1992.

QC15 .C4 1987
Title: Men who made a new physics: physicists and the quantum theory.
Author: Cline, Barbara Lovett.
Date/Source: Chicago: University of Chicago Press, 1987.

Q125 .C66 1985
Title: Revolution in science.
Author: Cohen, I. Bernard.
Date/Source: Cambridge, Mass.: Belknap Press of Harvard University Press, 1985.

E302.5 .C62 1995
Title: Science and the founding fathers: science in the political thought of Jefferson, Franklin, Adams & Madison.
Author: Cohen, I. Bernard.
Date/Source: New York: W.W. Norton, 1995.

Q151 .C66
Title: A source book in Greek science.
Author: Cohen, Morris Raphael and Drabkin, I. E.
Date/Source: Cambridge, Harvard University Press [1948].
Series: Source books in the history of the sciences

QC773.3.U5 C65 1994a
Title: Oh Camelot!: a memoir of the MURA years.
Author: Cole, Francis T.
Date/Source: Privately published, [1994].

QC789.2.U62 B763 1999
Title: Making physics: a biography of Brookhaven National Laboratory, 1946-1972.
Author: Crease, Robert P.
Date/Source: Chicago: University of Chicago Press, 1999.

QB15 .C77 1990
Title: Theories of the world from antiquity to the Copernican revolution.
Author: Crowe, Michael J.
Date/Source: New York: Dover Publications, 1990.

QC793.5.E62 D34 1997
Title: Flash of the cathode rays: a history of J.J. Thomson's electron.
Author: Dahl, Per F.
Date/Source: Bristol, UK ; Philadelphia: Institute of Physics Pub., 1997.

QC16.T45 D38 1997
Title: J.J. Thomson and the discovery of the electron.
Author: Davis, E. A., and Falconer, I. J., eds.
Date/Source: London ; Bristol, PA: Taylor & Francis, 1997.

QC9 .U5 1988
Title: The Restructuring of physical sciences in Europe and the United States, 1945-1960: Proceedings of the international conference held in Rome, Università "La Sapienza", 19-23 September 1988.
Author: De Maria, Michelangelo, Mario Grilli, and Fabio Sebastiani, eds.
Date/Source: [Teaneck], N.J.: World Scientific, 1989.

QC773.3.U5 D74 1993
Title: In the shadow of the bomb: physics and arms control.
Author: Drell, Sidney D.
Date/Source: New York, NY: American Institute of Physics, 1993.
Series: Masters of modern physics ; v. 6

QB15 .D825 1953
Title: A history of astronomy from Thales to Kepler. (Formerly titled History of the planetary systems from Thales to Kepler).
Author: Dreyer, John Louis Emil, rev. with a foreword by W.H. Stahl.
Date/Source: [New York] Dover Publications [1953].

QC173.6 .I572 1988
Title: Studies in the history of general relativity: based on the proceedings of the 2nd International Conference on the History of General Relativity, Luminy, France, 1988.
Author: Eisenstaedt, Jean, and Kox, Anne J., eds.
Date/Source: Boston: Birkhäuser, 1992.
Series: Einstein studies ; v. 3

QC373.S7 C47 1997
Title: The CERN omega spectrometer: 25 years of physics: CERN, Geneva, Switzerland, 19 March 1997: proceedings / editors, M. Jacob, E. Quercigh.
Author: European Organization for Nuclear Research.
Date/Source: Geneva: CERN, 1997.
CERN (Series) ; 97-02.

Z7144.N8 P35 1996
Title: Particle physics: One hundred years of discoveries: an annotated chronological bibliography
Author: Ezhela, V. V., et al.
Date/Source: Woodbury, N.Y.: American Institute of Physics, 1996.

F804.L6 F536 1985
Title: Los Alamos experience
Author: Fisher, Phyllis.
Date/Source: New York: Japan Publications, 1985.

HD9502.U52 F32 1994
Title: Department of Energy, 1977-1994: a summary history.
Author: Fehner, Terrence R., Holl, Jack M.
Date/Source: Washington, D.C.: U.S. Dept. of Energy ; Oak Ridge, Tenn, [1994].
Series: Energy history series

QC16.F49 A3 1993
Title: "Most of the good stuff": memories of Richard Feynman.
Author: Feynman, Richard Phillips. Brown, Laurie M. and Rigden, John S., eds.
Date/Source: New York: American Institute of Physics, 1993.

GF504.M53 F58 1993
Title: Signals from the heartland.
Author: Fitzpatrick, Tony, 1958-
Date/Source: New York: Walker, 1993.

QC773 .P37 1998
Title: The particle century.
Author: Fraser, Gordon, ed.
Date/Source: Bristol ; Philadelphia: Institute of Physics Pub., 1998.

Q175 .F785 1990
Title: Experiment, right or wrong.
Author: Franklin, Allan.
Date/Source: Cambridge ; New York: Cambridge University Press, 1990.

QC30 .B54 1992
Title: Big science: the growth of large-scale research.
Author: Galison, Peter Louis, and Hevly, Bruce William, eds.
Date/Source: Stanford, Calif.: Stanford University Press, 1992.

QC16.F49 G54 1992
Title: Feynman: paths of genius.
Author: Gleick, James.
Date/Source: New York: Pantheon Books, 1992.

QC16 .M45 1987
Title: The Michelson era in American science, 1870-1930.
Author: Goldberg, Stanley and Stuewer, Roger H.
Date/Source: New York, NY: American Institute of Physics, 1988.
Series: AIP conference proceedings ; 179.

T171.C219 G67 1991
Title: Millikan’s school: a history of the California Institute of Technology.
Author: Goodstein, Judith R.
Date/Source: New York: W.W. Norton, 1991.

QC773.A1 G57 1994
Title: The Manhattan project: Making the atomic bomb.
Author: Gosling, Francis G.
Date/Source: Washington, DC: U.S. Dept. of Energy, Office of Administration and Human Resources Management, Executive Secretariat, History Division, [1994].
Series: Energy history series

Q125 .G767
Title: Physical science in the Middle Ages.
Author: Grant, Edward.
Date/Source: New York, Wiley [1971].
Series: Wiley history of science series

Q153 .G767
Title: A source book in medieval science.
Author: Grant, Edward, comp.
Date/Source: Cambridge, Mass.: Harvard University Press, 1974.
Series: Source books in the history of the sciences

QC773.3.U5 G917
Title: Manhattan Project; the untold story of the making of the atomic bomb.
Author: Groueff, Stéphane.
Date/Source: Boston, Little, Brown [1967].

QC773.A1 G919
Title: Now it can be told; the story of the Manhattan project.
Author: Groves, Leslie R.
Date/Source: New York, Harper [1962].

QC793.16 .H36 1999
Title: Quarks and gluons: a century of particle charges.
Author: Han, M. Y.
Date/Source: River Edge, NJ: World Scientific, 1999.

Q125 .UN2
Title: Toward the endless frontier: history of the Committee on Science and Technology, 1959-79.
Author: Hechler, Ken.
Date/Source: [Washington, D.C.]: U.S. House of Representatives, 1980.

QC16.P6 H363 1986
Title: The dilemmas of an upright man: Max Planck as spokesman for German science.
Author: Heilbron, J. L.
Date/Source: Berkeley: University of California Press, 1986.

QC507 .H363
Title: Electricity in the 17th and 18th centuries: a study of early Modern physics.
Author: Heilbron, J. L.
Date/Source: Berkeley : University of California Press, 1979.

QC789.2.U62 L384 1989
Title: Lawrence and his laboratory: a history of the Lawrence Berkeley Laboratory.
Author: Heilbron, J. L. and Seidel, Robert W.
Date/Source: Berkeley: University of California Press, 1989.
Series: California studies in the history of science

Z7144.H55 H363
Title: Literature on the history of physics in the 20th century.
Author: Heilbron, J. L. and Bruce R. Wheaton, et al.
Date/Source: Berkeley, CA: Office for History of Science and Technology, University of California, Berkeley, 1981.
Series: Berkeley papers in history of science; 5

QC9.G4 C144 1984
Title: Cambridge physics in the thirties.
Author: Hendry, John.
Date/Source: Bristol: A. Hilger, 1984.

QC665.E4 H46 1986
Title: James Clerk Maxwell and the theory of the electromagnetic field.
Author: Hendry, John.
Date/Source: Boston: A. Hilger, 1986.

QC793 .H629
Title: History of CERN (European Organization for Nuclear Research).
Author: Hermann, Armin, with a contribution by Lanfranco Belloni.
Date/Source: New York: North-Holland Physics Pub., 1987.

QC792.7 .H48 1989
Title: Atoms for peace and war, 1953-1961: Eisenhower and the Atomic Energy Commission.
Author: Hewlett, Richard G. and Jack M. Holl ; with a foreword by Richard S. Kirkendall and an essay on sources by Roger M. Anders.
Date/Source: Berkeley: University of California Press, 1989.
Series: California studies in the history of science ; v. 3

HD9698.U58 H498
Title: A history of the United States Atomic Energy Commission.
Author: Hewlett, Richard G. Anderson, Oscar Edward, joint author.
Date/Source: University Park, Pennsylvania State University Press, 1962.

QC16.W56 H54 1982
Title: Scientific temperaments: Three lives in contemporary science.
Author: Hilts, Philip J.
Date/Source: New York: Simon and Schuster, 1982.

QC773.3.U5 C75 1993
Title: Critical assembly: a technical history of Los Alamos during the Oppenheimer years, 1943-1945.
Author: Hoddeson, Lillian, et al. with contributions from Baym, Gordon, et al.
Date/Source: Cambridge [England] ; New York: Cambridge University Press, 1993.

QC794.6.S75 R57 1997
Title: The rise of the standard model: particle physics in the 1960s and 1970s.
Author: Hoddeson, Lillian, et al., eds.
Date/Source: New York: Cambridge University Press, 1997.

QC789.2.U62 A754 1997
Title: Argonne National Laboratory, 1946-96.
Author: Jack M. Holl ; with the assistance of Richard G. Hewlett and Ruth R. Harris ; foreword by Alan Schriesheim.
Date/Source: Urbana: University of Illinois Press, 1997.

Q173 .H7342 1994
Title: Einstein, history, and other passions.
Author: Holton, Gerald James.
Date/Source: [Woodbury, N.Y.]: The American Institute of Physics, 1994.
Series: Masters of modern physics

QC173.6 .E38 1989
Title: Einstein and the history of general relativity: based on The proceedings of the 1986 Osgood Hill Conference, North Andover, Massachusetts, 8-11 May 1986.
Author: Howard, Don, and Stachel, John J., eds.
Boston University. Center for Einstein Studies.
Date/Source: Boston: Birkhäuser, 1989.
Series: Einstein studies ; v. 1

QC174.1 .H891
Title: The history of quantum theory. Translated by Gordon Reece.
Title: Geschichte der Quantentheorie. English
Author: Hund, Friedrich.
Date/Source: London, Harrap [1974]

QC773.3.U5 J516 1977
Title: Inside box 1663.
Author: Jette, Eleanor.
Date/Source: Los Alamos, N.M. : Los Alamos Historical Society, 1977.

QC7 .J86 1986
Title: Intellectual mastery of nature: theoretical physics from Ohm to Einstein.
Author: Jungnickel, Christa and Russell McCormmach.
Date/Source: Chicago: University of Chicago Press, 1986.

QC9.U5 K48 1995
Title: The physicists: the history of a scientific community in modern America; with a new preface by the author.
Author: Kevles, Daniel J.
Date/Source: Cambridge, Mass.: Harvard University Press, 1995.

QC773.A1 K42 1996
Title: The J. Robert Oppenheimer Memorial Committee presents a special memorial.
Author: Khariton, IU.
Date/Source: Los Alamos, NM: J. Robert Oppenheimer Memorial Committee, 1996.

Q143.K42 A35
Title: Sputnik, scientists, and Eisenhower: a memoir of the first special assistant to the President for science and technology.
Author: Killian, James Rhyne.
Date/Source: Cambridge, Mass.: MIT Press, 1977.

QC16.K45 A3 1993
Title: Living with nuclei: 50 years in the nuclear age, memoirs of a Japanese physicist.
Author: Kimura, Motoharu, with Carpenter, John M.
Date/Source: Sendai, Japan: Printed by Sasaki Printing and Publishing, 1993.

QC793.16 .K69 1961
Title: An account of the origin and beginnings of CERN
Author: Kowarski, L.
Date/Source: Geneva: CERN, 1961.
Series: CERN (Series) ; 61-10.

QA273.A4 P94 1987
Title: The Probabilistic revolution.
Author: Krüger, Lorenz.
Date/Source: Cambridge, Mass.: MIT Press, 1987.

QC484 .K955
Title: Black-body theory and the quantum discontinuity, 1894-1912.
Author: Kuhn, Thomas S.
Date/Source: Oxford : Clarendon Press ; New York : Oxford University Press, 1978.

Q175 .K954
Title: The essential tension: selected studies in scientific tradition and change.
Author: Kuhn, Thomas S.
Date/Source: Chicago: University of Chicago Press, 1977.

Q175 .K955 1970
Title: The structure of scientific revolutions.
Author: Kuhn, Thomas S.
Date/Source: Chicago, University of Chicago Press, 1970]
Series: International encyclopedia of unified science. Foundations of the unity of science, v. 2, no. 2
International encyclopedia of unified science, v. 2, no. 2.

Q175 .K95 1996
Title: The structure of scientific revolutions.
Author: Kuhn, Thomas S.
Date/Source: Chicago, IL: University of Chicago Press, 1996.

QC16.D57 R284 1987
Title: Reminiscences about a great physicist: Paul Adrien Maurice Dirac.
Author: Kursunoglu, Behram and Wigner, Eugene Paul.
Date/Source: Cambridge [Cambridgeshire] ; New York: Cambridge University Press, 1987.

QB15 .H624 1997 (REF.)
Title: History of astronomy: an encyclopedia.
Author: Lankford, John, ed.
Date/Source: New York: Garland Pub., 1997.
Series: Garland encyclopedias in the history of science ; vol. 1
Garland reference library of social science ; vol. 771

QC16.S95 L36 1992
Title: Genius in the shadows: a biography of Leo Szilard, the man behind the bomb; foreword by Jonas Salk.
Author: Lanouette, William and Silard, Bela A.
Date/Source: New York: C. Scribner's Sons ; Toronto: Maxwell Macmillan Canada; New York: Maxwell Macmillan International, 1992.

QC787.S9 A13 1997
Title: 50 years of synchrotrons: lectures delivered at CERN on 7 November 1996.
Author: Lawson, John and Brianti, Giorgio.
Date/Source: Geneva: CERN, 1997.
Series: John Adams memorial lecture ; 12th

QC773.3.U5 L614
Title: The uranium people.
Author: Libby, Leona Marshall.
Date/Source: New York : Crane, Russak, c1979.

QC786 .L762p
Title: Particle accelerators; a brief history.
Author: Livingston, M. Stanley.
Date/Source: Cambridge, Mass., Harvard University Press, 1969.

QC793.16 .L63 1975
Title: A history of the collaboration between the European Organization for Nuclear Research (CERN) and the Joint Institute for Nuclear Research (JINR), and with Soviet research institutes in the USSR, 1955-1970.
Author: Lock, W.O.
Date/Source: Geneva: European Organization for Nuclear Research, 1975.
Series: CERN ; 75-7

QC793.16 .L4
Title: Origins and evolution of the collaboration between CERN and the People's Republic of China, 1971-1980.
Author: Lock, W. O.
Date/Source: Geneva: CERN, 1981.
Series: CERN ; 81-14

TJ940 .H629 1984
Title: History of vacuum science and technology. (A special volume commemorating the 30th anniversary of the American Vacuum Society, 1953-1983.)
Author: Madey, Theodore E. and William C. Brown, eds.
Date/Source: New York, N.Y.: Published for the American Vacuum Society by the American Institute of Physics, 1984.

QC7 .F76 1994
Title: Front page physics: a century of physics in the news.
Author: Meadows, A. J. (Arthur Jack)
Hancock-Beaulieu, Micheline.
Date/Source: Bristol ; Philadelphia: Institute of Physics Pub., 1994.

QC173.98 .M44 1976
Title: The birth of quantum mechanics: Werner Hisenberg.
Memorial Lecture delivered at the CERN Colloquium on 30 March 1976.
Author: Mehra, Jagdish.
Date/Source: Geneva: European Organization for Nuclear Research, 1976.
Series: CERN ; 76-10

QC173.98 .M474 v.2
Title: The discovery of quantum mechanics, 1925.
Author: Mehra, Jagdish. Rechenberg, Helmut.
Date/Source: New York: Springer-Verlag, 1982.
Series: Historical development of quantum theory; v. 2.

QC173.98 .M474 vol.5
Title: Erwin Schrödinger and the rise of wave mechanics.
Author: Mehra, Jagdish. Rechenberg, Helmut.
Date/Source: New York: Springer-Verlag, 1987.
Series: The Historical development of quantum theory ; v. 5.

QC173.98 .M474 v.4
Title: The fundamental equations of quantum mechanics, 1925-1926 ; The reception of the new quantum mechanics, 1925-1926.
Author: Mehra, Jagdish. Rechenberg, Helmut.
Date/Source: New York: Springer-Verlag, 1982.
Series: The Historical development of quantum theory; v. 4.

QC173.98 .M474 v.1
Title: The quantum theory of Planck, Einstein, Bohr, and Sommerfeld: its foundation and the rise of its difficulties, 1900-1925.
Author: Mehra, Jagdish and Rechenberg, Helmut.
Date/Source: New York: Springer-Verlag, 1982.
Series: The Historical development of quantum theory; v. 1.

QC793.16 .U55 1990
Title: Fermilab: boundless horizons; artwork by Leon Bishop.
Author: Metropolis, Kate.
Date/Source: Washington, D. C.: Universities Research Association, 1990.

QB14.5 .M67 1997
Title: Achilles in the quantum universe: the definitive history of infinity.
Author: Morris, Richard, 1939-
Date/Source: New York: Henry Holt, 1997.

QC793.16 .H57 1996
Title: History of original ideas and basic discoveries in particle physics.
Author: Newman, Harvey B. and Ypsilantis, Thomas, eds.
NATO Advanced Research Workshop on the History of Original Ideas and Basic Discoveries in Particle Physics (1994: Erice, Italy)
Date/Source: New York: Plenum Press, 1996.
Series: NATO ASI series. Series B, Physics ; v. 352

QC16.E5 P166
Title: "Subtle is the Lord-- ": the science and the life of Albert Einstein.
Author: Pais, Abraham.
Date/Source: Oxford [Oxfordshire] ; New York: Oxford University Press, 1982.

QC16.P24 A3 1997
Title: A tale of two continents: a physicist's life in a turbulent world.
Author: Pais, Abraham.
Date/Source: Princeton, N.J.: Princeton University Press, 1997.

QB15 .P194
Title: A history of astronomy.
Title: Groei van ons wereldbeeld. English
Author: Pannekoek, Anton.
Date/Source: New York, Interscience Publishers, 1961.

QC795.32.S3 H46 1994
Title: The history of accelerator radiological protection: personal and professional memoirs.
Author: Patterson, H. Wade and Thomas, Ralph H. (Ralph Harold), eds.
Date/Source: Ashford, Kent, England: Nuclear Technology Pub., 1994.

QC793.16 .P586 1984
Title: Constructing quarks: a sociological history of particle physics.
Author: Pickering, Andrew.
Date/Source: Chicago : University of Chicago Press, 1984.
QC793.16 .P65 1989
Title: Rochester roundabout: the story of high energy physics.
Author: Polkinghorne, J. C.
Date/Source: New York: W.H. Freeman, 1989.

Q125.2 .R4313 1987
Title: Galileo heretic = Galileo eretico.
Author: Redondi, Pietro.
Date/Source: Princeton, N.J.: Princeton University Press, 1987.

QC773 .R346 1986
Title: The making of the atomic bomb.
Author: Rhodes, Richard.
Date/Source: New York : Simon & Schuster, c1986.

QC16.R2 R448 1987
Title: Rabi, scientist and citizen.
Author: Rigden, John S.
Date/Source: New York: Basic Books, Inc., 1987.
Series: Alfred P. Sloan Foundation series

QC793.5.Q252 R48 1987
Title: The hunting of the quark: a true story of modern physics.
Author: Riordan, Michael.
Date/Source: New York: Simon & Schuster, 1987.

QC788 .R5 1989 (REF.)
Title: The ultimate structure of matter: the U.S. high energy physics program from the 1950s through the 1980s.
Author: Riordan, Michael.
Date/Source: Washington, D.C.: U.S. Dept. of Energy, Office of Energy Research, 1990.

QC793.16 B57 1993
Title: Birmingham synchrotron 40th anniversary reunion: Proceedings of a one-day symposium, School of Physics and Space Research, University of Birmingham, 16th September, 1993.
Author: Rolph, P. M., ed.
Date/Source: Birmingham, England: University of Birmingham, 1995.

QB15 .R666
Title: Discovering the universe; a history of astronomy.
Author: Ronan, Colin A.
Date/Source: New York, Basic Books [1971].
Series: Science & discovery

QC16.R8 A43
Title: Rutherford and Boltwood: letters on radioactivity.
Author: Rutherford, Ernest, and Boltwood, Bertram Borden ; Edited by Lawrence Badash.
Date/Source: New Haven, Yale University Press, 1969.
Series: Yale studies in the history of science and medicine, 4

QC773 .N88
Title: The Nuclear chain reaction--forty years later: Proceedings of a University of Chicago symposium, commemorating the fortieth anniversary of the first controlled, self-sustaining nuclear chain reaction.
Author: Sachs, Robert Green, ed.
Date/Source: [Chicago] : University of Chicago, 1984.

QC7 .SE37 1984
Title: From falling bodies to radio waves: classical physicists and their discoveries.
Author: Segrè, Emilio.
Date/Source: New York: W.H. Freeman, 1984.

QC15 .G798
Title: Great men of physics: the humanistic element in scientific work.
Author: Segrè, Emilio G., et al., with an introduction by Marvin L. Chachere.
Date/Source: Los Angeles, Tinnon-Brown [1969]
Series: The University of California letters and science extension series

QC7 .G798 1987
Title: Great experiments in physics: firsthand accounts from Galileo to Einstein.
Author: Shamos, Morris H.
Date/Source: New York: Dover Publications, 1987, 1959.

QC789.2.U62 L677 1998
Title: Secret mesa: inside Los Alamos National Laboratory.
Author: Shroyer, Jo Ann.
Date/Source: New York: John Wiley & Sons, 1998.

QB981 .S554 1994
Title: A short history of the universe.
Author: Silk, Joseph.
Date/Source: New York: Scientific American Library: Distributed by W.H. Freeman, 1994.

QC793.5.N42 S658 1997
Title: The elusive neutrino: a subatomic detective story.
Author: Solomey, Nickolas.
Date/Source: New York: Scientific American Library, 1997.

QC24.5 .S86 1999
Title: Physics in the 20th century.
Author: Suplee, Curt, Franz, Judy R. and Rigden, John S., eds.
Date/Source: New York: Harry N. Abrams in association with the American Physical Society and the American Institute of Physics, 1999.

QC787.S9 S92 1979
Title: History of the ZGS (Argonne, 1979) / editors, Joanne S. Day, Alan D. Krisch, Lazarus G. Ratner.
Author: Symposium on the History of the ZGS (1979: Argonne National Laboratory)
Date/Source: New York: American Institute of Physics, 1980.
Series: AIP conference proceedings ; no. 60

QC680 .S34 1994
Title: QED and the men who made it: Dyson, Feynman, Schwinger, and Tomonaga.
Author: Schweber, S. S. (Silvan S.)
Date/Source: Princeton, N.J.: Princeton University Press, 1994.
Series: Princeton series in physics

QC773.3.U5 SE11
Title: Nuclear milestones: a collection of speeches by Glenn T Seaborg, Chairman United States Energy Commission.
Author: Seaborg, Glenn Theodore.
Date/Source: [Oak Ridge, Tenn.] U.S. Atomic Energy Commission, Division of Technical Information, 1971.

QC773.3.U5 S424 1994
Title: The plutonium story: the journals of professor Glenn T. Seaborg, 1939-1946.
Author: Seaborg, Glenn T.
Edited and annotated by Ronald L. Kathren, Jerry B. Gough, Gary T. Benefiel.
Date/Source: Columbus: Battelle Press, 1994.

QC484.9 .EA76 1985
Title: Early history of ccosmic ray studies: personal reminiscences with old photographs.
Author: Sekido, Yataro, and Harry Elliot, eds.
Date/Source: Dordrecht ; Boston: Kluwer Academic Publishers, 1985.
Series: Astrophysics and space science library ; v. 118

QB500.267 .S55 1989
Title: The space telescope: a study of NASA, science, technology, and politics.
Author: Smith, Robert W. (Robert William), with contributions by Paul A. Hanle, Robert H. Kargon, and Joseph N. Tatarewicz.
Date/Source: Cambridge [England] ; New York: Cambridge University Press, 1989.

QC7 .S78 1994
Title: Order, chaos, order: the transition from classical to quantum physics.
Author: Stehle, Philip.
Date/Source: New York: Oxford University Press, 1994.

DK268.S83 A3 1994
Title: Special tasks: the memoirs of an unwanted witness, a Soviet spymaster; foreward by Robert Conquest.
Author: Sudoplatov, Pavel, Sudoplatov, Anatolii Pavlovich, Schecter, Jerrold L. and Schecter, Leona P.
Date/Source: Boston, Mass.: Little, Brown, 1994.

QC51.U52 S76 1994
Title: Superconducting Super Collider: a retrospective summary, 1989-1993.
Author: Superconducting Super Collider Laboratory.
Date/Source: Dallas, TX: SSCL ; Oak Ridge, Tenn.: Distributed by Dept. of Energy Office of Scientific and Technical Information, [1994].

Q127.C5 SU86
Title: Research and revolution; science policy and societal change in China.
Author: Suttmeier, Richard P.
Date/Source: Lexington, Mass., Lexington Books [1974].

QB36.B8 T49 1990
Title: The Lord of Uraniborg: a biography of Tycho Brahe.
Author: Thoren, Victor E., with contributions by John R. Christianson.

Date/Source: Cambridge [England] ; New York: Cambridge University Press, 1990.
BD638 .T643 1982
Title: The discovery of time.
Author: Toulmin, Stephen Edelston and Goodfield, June.
Date/Source: Chicago: University of Chicago Press, 1982, 1965.

QC793.16 .A36 1997
Title: ADONE, a milestone on the particle way.
Author: Valente, Vincenzo, ed.
Date/Source: Frascati, Roma, Italy: Istituto nazionale di fisica nucleare, Laboratori Nazionali di Frascati, 1997.
Series: Frascati physics series ; v. 8

QC174.1 .W3 1968
Title: Sources of quantum mechanics.
Author: van der Waerden, B.L., ed.
Date/Source: New York, Dover Publications [1968, 1967].
Series: Classics of science, v. 5

QC773 .W43 1988
Title: Nuclear fear : a history of images.
Author: Weart, Spencer R.
Date/Source: Cambridge, Mass. : Harvard University Press, 1988.

Q125 .W376
Title: Scientists in power.
Author: Weart, Spencer R.
Date/Source: Cambridge, Mass.: Harvard University Press, 1979.

QC7.5 .W67 1987
Title: The World of physics: a small library of the literature of physics from antiquity to the present.
Author: Weaver, Jefferson Hane, ed. ; with additional commentaries and notes by Lloyd Motz and Dale McAdoo.
Date/Source: New York: Simon and Schuster, 1987.

RC78.7.T6 W43 1990
Title: From the watching of shadows: the origins of radiological tomography.
Author: Webb, Steve, Ph. D.
Date/Source: Bristol ; New York: A. Hilger, 1990.

QC7 .V424
Title: History of twentieth century physics.
Author: Weiner, Charles.
Date/Source: New York: Academic Press, 1977.
Series: Proceedings of the International School of Physics "Enrico Fermi" = Rendiconti della Scuola internazionale di fisica "Enrico Fermi" ; course 57

QC793.16 .W45 1963
Title: The place of elementary particle research in the development of modern physics.
Author: Weisskopf, Victor Frederick.
Date/Source: Geneva: CERN, 1963.
Series: CERN (Series) ; 63-8.

Q19.6 .W47 1995
Title: Pythagoras' trousers: God, physics, and the gender wars.
Author: Wertheim, Margaret.
Date/Source: New York: Times Books/Random House, 1995.

QC51.U52 F38 1988
Title: The first "truly national laboratory": the birth of Fermilab. (Ph. D. Thesis)
Author: Westfall, Catherine.
Date/Source: Michigan State University, 1988.

B851 .W584
Title: Science and sentiment in America; philosophical thought from Jonathan Edwards to John Dewey.
Author: White, Morton Gabriel, 1917-
Date/Source: New York, Oxford University Press, 1972.

QB15 .W611
Title: The discovery of our galaxy.
Author: Whitney, Charles Allen.
Date/Source: New York, Knopf, 1971.

QC177 .W617
Title: A history of the theories of aether and electricity.
Author: Whittaker, E. T. (Edmund Taylor).
Date/Source: London, New York, T. Nelson [1951].

QC173.98 .W53 1995
Title: The infamous boundary: seven decades of controversy in quantum physics; with a mathematical appendix by William Farris.
Author: Wick, David.
Date/Source: Boston: Birkhauser, 1995.

QC16.W518 A313 1994
Title: The infancy of particle accelerators: life and work of Rolf Wideröe.
Author: Wideröe, Rolf, Waloschek, Pedro and Waloschek, Karen, compilers, editors.
Date/Source: Braunschweig: Vieweg, 1994.

QC778 .W694
Title: All in our time : the reminiscences of twelve nuclear pioneers.
Author: Wilson, Jane, ed.
Date/Source: Chicago : Bulletin of the Atomic Scientists, 1975.

QC773.A1 S82 1988
Title: Standing by and making do: women of wartime Los Alamos.
Author: Wilson, Jane and Charlotte Serber, editors.
Date/Source: Los Alamos, N.M.: Los Alamos Historical Society, 1988.

D767.25.H6 W973 1984
Title: Day one: before Hiroshima and after.
Author: Wyden, Peter.
Date/Source: New York: Simon and Schuster, 1984.

QC721 .Y16
Title: Elementary particles; a short history of some discoveries in atomic physics.
Author: Yang, Chen Ning.
Date/Source: Princeton, N.J., Princeton University Press, 1961.
Series: The Vanuxem lectures ; 1959

Q125 .Y44 1969
Title: The new world of science; its development during the war.
Author: Yerkes, Robert Mearns, ed.
Date/Source: Freeport, N.Y., Books for Libraries Press [1969, 1920]
Series: Essay index reprint series

UG1282.A8 Y82
Title: The advisors: Oppenheimer, Teller, and the superbomb.
Author: York, Herbert F.
Date/Source: San Francisco: W. H. Freeman, 1976.

Q147 .Z13 1974
Title: Woman in science: with an introductory chapter on woman's long struggle for things of the mind.
Author: Zahm, John Augustine.
Date/Source: Cambridge: MIT Press, 1974, 1913.