

BIBLIOGRAPHY (in process)

- Amaldi, U. (1979). *Particle Accelerations and Scientific Culture*. CERN European Organization for Nuclear Research: Geneva.
- Andrade, E. (1973). *Rutherford and the Nature of the Atom*. Peter Smith Publisher: Gloucester, Massachusetts.
- Arianrhod, R. (2005). *Imagining the World Through the Language of Mathematics*. Oxford University Press: New York.
- Asimov, I. (1996). *Understanding Physics*. George Allen and Unwin Ltd.: London, England.
- Bergmann, P. (1976). *Introduction to the Theory of Relativity*. Dover Publications: New York.
- Bird, J. (1922). *Einstein's Theories of Relativity and Gravitation*. Scientific American Publishing Co: New York.
- Birkhoff, G. (1925). *The Origin, Nature, and Influence of Relativity*. The Macmillian Company: New York.
- Bodenis, D. (2000). *E=mc². A Biography of the World's Most Famous Equation*. The Berkeley Publishing Group: New York.
- Bohm, D. (1989). *The Special Theory of Relativity*. Addison-Wesley Publishing Company: New York.
- Bondi, H. (1964). *Relativity and Common Sense*. Dover Publications: New York.
- Borel, Emile. (1960). *Space & Time*. Dover Publications: New York.
- Born, M. (1965). *Einstein's Theory of Relativity*. Dover Publications: New York.
- Bridgeman, P. (1962). *A Sophisticate's Primer of Relativity*. Wesleyan University Press: Middletown, Connecticut.
- Cassidy, D.C. (1992). *Uncertainty*. W.H. Freeman and Company: New York.
- Cassirer, E. (1953). *Substance and Function Einstein's Theory of Relativity*. Dover Publications: New York.
- Clark, R. (1971). *Einstein, The Life and Times*. The World Publishing Company: New York.

- Close, F. (2002). *The Particle Odyssey*. Oxford University Press: Oxford, England.
- Cohen, I. (1985a). *Revolution in Science*. Harvard University Press: Cambridge, Massachusetts.
- Cohen, I. (1985b). *The Birth of a New Physics*. W.W. Norton & Company: New York.
- Cohen, I. (2005). *The Triumph of Numbers*. W.W. Norton & Company: New York.
- Coleman, J. (1954). *Relativity for the Layman*. The William Frederick Press: New York.
- Consoli, M. (2003). *The Motion of the Solar System and the Michelson-Morley Experiment*. University of Catania: Catania, Italy.
- Cropper, W. (2001). *Great Physicists: The Life and Times of Leading Physicists from Galileo to Hawking*. Oxford University Press: New York.
- D'Abro, A. (1950). *The Evolution in Scientific Thought from Newton to Einstein*. Dover Publications: New York.
- D'Abro, A. (1951). *The Rise of the New Physics*. Dover Publications: New York.
- Dampier-Whetham, C.W.D. (1931). *A History of Science*. The Macmillan Company: New York.
- DeBroglie, L. (1937). *Matter and Light*. Dover Publications: New York.
- De Sitter, W. (1932). *Kosmos*. Harvard University Press: Cambridge, Massachusetts.
- Dictionary of Physics*, German –English (1958). Frederick Ungar Publishing Co: New York
- Dingle, H. (1959). *The Special Theory of Relativity*. John Wiley & Sons: New York.
- Dingle, H. (1961). *The Doppler Effects and the Foundations of Physics*. The British Journal for the Philosophy of Science, Vol. XI, XII.
- Dingle, H. (1972). *Science at the Crossroads*. Martin, Brian & O'Keeffe: London.
- Einstein, A. (March 1905a). *On a Heuristic View Concerning the Production and Transformation of Light* [Collected Papers, Vol. 2, pp. 86-103, Princeton University Press: New Jersey].
- Einstein, A. (June 1905d). *On the Electrodynamics of Moving Bodies* [pp. 35-65, Dover Publications: New York, 1923, 1952].

Einstein, A. (September 1905e). *Does the Inertia of a Body Depend Upon its Energy Content?* [pp. 67-71, Dover Publications: New York, 1923, 1952].

Einstein, A. (March 1906a). *On the Theory of Light Production and Light Absorption* [Collected Papers, Vol. 2, pp. 192-199, Princeton University Press].

Einstein, A. (May 1906b). *The Principle of Conservation of Motion of the Center of Gravity and the Inertia of Energy* [Collected Papers, Vol. 2, pp. 200-206, Princeton University Press].

Einstein, A. (March 1907a). *On the Probability of a New Test of the Relativity Principle* [Collected Papers, Vol. 2, pp. 232-233, Princeton University Press].

Einstein, A. (May 1907b). *On the Inertia of Energy Required by the Relativity Principle* [Collected Papers, Vol. 2, pp. 238-250, Princeton University Press: New Jersey].

Einstein, A. (December 1907c). *On the Relativity Principle and the Conclusions Drawn from It* [Collected Papers, Vol. 6, pp. 252-311, Princeton University Press].

Einstein, A. (1910). *The Principle of Relativity and its Consequences in Modern Physics* [Collected Papers, Vol. 3, pp. 117-142, Princeton University Press].

Einstein, A. (1912-1914). *Manuscript on Special Relativity* [Collected Papers, Vol. 4, pp. 3-88, Princeton University Press].

Einstein, A. (1913). *Theory of Relativity* [Collected Papers, Vol. 4, pp. 246-263, Princeton University Press].

Einstein, A. (March 1914). *On the Relativity Problem* [Collected Papers, Vol. 4, pp. 306-314, Princeton University Press].

Einstein, A. (April 1914). *On the Principle of Relativity* [Collected Papers, Vol. 6, pp. 3-5, Princeton University Press].

Einstein, A. (December 1916). *Relativity: The Special and the General Theory*. [Three Rivers Press: New York, 1961].

Einstein, A. (early 1917). *The Principle Ideas of the Theory of Relativity* [Collected Papers, Vol. 7, pp. 3-6, Princeton University Press: New Jersey].

Einstein A. (1917b). *Cosmological Considerations on the General Theory of Relativity* [Dover Publications, 1923, 1952, New York, pp. 175-188].

- Einstein A. (November 1919). *What is the Theory of Relativity?* The London Times, London, England [Ideas & Opinions, 1994, pp. 248-253, Modern Library, New York].
- Einstein, A. (January 1920). *Fundamental Ideas and Methods of the Theory of Relativity* [Collected Papers, Vol. 7, pp.113-150, Princeton University Press].
- Einstein, A. (1921). *On the Theory of Relativity*, Lecture at King's College, London, [Ideas & Opinions, 1994, pp. 269-272, Modern Library: New York].
- Einstein, A. (May 1921). *The Meaning of Relativity* [Princeton University Press: New Jersey, 1922].
- Einstein, A. (1922). *How I Created The Theory of Relativity*. [Translation, Y.A. Ono, Physics Today, August 1982, Vol. 35, No. 8].
- Einstein, A. (1931). *Maxwell's Influence of the Evolution of the Idea of Physical Reality* [Ideas & Opinions, 1994, pp. 291-295, Modern Library: New York].
- Einstein, A. (1934). *The Problem of Space, Ether, and the Field in Physics* [Ideas & Opinions, 1994, pp. 303-312, Modern Library: New York].
- Einstein, A. & Infeld, L. (1938). *The Evolution of Physics*. Simon and Schuster: New York.
- Einstein, A. (1946a). *Autobiographical Notes* [Schlipp, P. (1949), Einstein, Philosopher-Scientist, pp. 3-95, Harper & Brother's Publishers, New York].
- Einstein, A. (1946b). *E=MC²* [Ideas & Opinions, 1994, pp. 238-250, Modern Library: New York].
- Emsley, J. (2001). *Nature's Building Blocks*. Oxford University Press: Oxford, England.
- Encyclopedia Britannica [EB], (1969). William Benton: London, England.
- Feinberg, J. (1960). *The Story of Atomic Theory and Atomic Energy*. Dover Publications: New York.
- Feynman, R. (1963). *Lectures on Physics*, Vol. 1. Addison Wesley Publishing Company: Reading, Massachusetts.
- Feynman, R. (1964). *Lectures on Physics*, Vol. 2. Addison Wesley Publishing Company: Reading, Massachusetts.
- Feynman, R. (1965a). *Lectures on Physics*, Vol. 3. Addison Wesley Publishing Company: Reading, Massachusetts.

- Feynman, R. (1965b). *The Character of Physical Law*. The British Broadcasting Corporation: New York.
- Feynman, R. (1985). *QED*. Princeton University Press: Princeton, New Jersey.
- Fitzgerald, G. (May 1889). *The Ether and the Earth's Atmosphere*. Science: A Weekly Newspaper. [New York, May 17, 1889, Vol. XIII, No. 328, pp. 390].
- Fölsing, A. (1998). *Albert Einstein*. Penguin Books: New York.
- French, A. (1968). *Special Relativity*. W.W. Norton & Company: New York.
- Galison, P. (2003). *Einstein's Clocks, Poincaré's Maps*. W.W. Norton Company: New York.
- Gamow, G. (1948). *One Two Three...Infinity*. The Viking Press: New York.
- Gamow, G. (1961). *Biography of Physics*. Harper & Row: New York.
- Gamow, G. (1966). *Thirty Years That Shook Physics*. Doubleday & Company: Garden City, New York.
- Gill, T. (1965). *The Doppler Effect*. Logos Press: London.
- Giulini, D. (2005). *Special Relativity*. Oxford University Press: England.
- Goldberg, S. (1984). *Understanding Relativity*. Birkhäuser: Boston, Massachusetts.
- Gribbin, J. (1984). *In Search of Schrodinger's Cat*. Bantam Books: New York.
- Gribbin, J. (2002). *The Scientists*. Random House: New York.
- Grujitch, L. (2006). *Einstein's Relativity Theory, Correct, Paradoxical & Wrong*. Trafford Publishing: Victoria, British Columbia.
- Halliday, D. (1992.) *Physics*, Vol. 2. John Wiley & Sons: New York.
- Harrison, E. (1981). *Cosmology*. Cambridge University Press: New York.
- Hawking, S. (1999). *A Brief History of Relativity*. [Time Magazine, December 31, 1999, 67-81].
- Heisenberg, W. (1999). *Physics and Philosophy*. Prometheus Books: Amherst, New York.

- Hey, T. & Walters, P. (2003). *The New Quantum Universe*. Cambridge University Press: Cambridge, England.
- Hoffmann, B. (1972). *Albert Einstein*. The Viking Press: New York.
- Hoffmann, B. (1999). *Relativity and its Roots*. Dover Publications: New York.
- Holton, G. (1973). *Introduction to Concepts and Theories in Physical Science*. Addison-Wesley Publishing Company: Reading, Massachusetts.
- Holton, G. (1980). *Thematic Origins of Scientific Thought*. Harvard University Press: Cambridge, Massachusetts.
- Isaacson, W. (2007). *Einstein*. Simon & Schuster: New York.
- Jammer, M. (1954). *Concepts of Space*. Harvard University Press: Cambridge, Massachusetts.
- Jammer, M. (1957). *Concepts of Force*. Harvard University Press: Cambridge, Massachusetts.
- Jammer, M. (1964). *Concepts of Mass in Classical and Modern Physics*. Harper & Row Publishers: New York.
- Jammer, M. (2000). *Concepts of Mass in Contemporary Physics*. Princeton University Press: Princeton, New Jersey.
- Jammer, M. (2006). *Concepts of Simultaneity*. The Johns Hopkins University Press: Baltimore, Maryland.
- Jeans, J. (1934). *Through Space & Time*. Based on the Royal Institution Lectures Christmas 1933. Cambridge University Press: New York.
- Kacser, C. (1967). *Introduction o the Special Theory of Relativity*. Prentice-Hall: Englewood Cliffs, New Jersey.
- Katz, R. (1964). *An Introduction to the Special Theory of Relativity*. D. Van Nostrand Company: Princeton, New Jersey.
- Kelly, A. (2005). *Challenging Modern Physics*. Brown Walker Press: Boca Raton, Florida.
- Lange, L. (1885). *Ueber die wissenschaftliche Fassung des Galileischen Beharrungsgesetzes*. Gessellschaft der Wissenschaften, Leipzig, pp. 333-351.
- Lederman, L. M. (2008). *Symmetry*. Prometheus Books: Amherst, New York.

- Lightman, A. (2000). *Great Ideas in Physics*. McGraw-Hill: New York.
- Lindley, D. (1993). *The End of Physics*. Basic Books: New York.
- Lindsay, R. & Margenau, H. (1957). *Foundations of Physics*. Dover Publications: New York.
- Logunov, A. (2005). *Henri Poincaré and Relativity Theory*. Nauka Publishers: Moscow.
- Lorentz, H. (1895). *Michelson's Interference Experiment* [Dover Publications, 1923, 1952, pp.1-7].
- Lorentz, H. (1904). *Electromagnetic Phenomena in a System Moving with Only Velocity Less Than That of Light* [Dover Publications, 1923, 1952, pp. 9-34].
- Maxwell, J. (1856-1879). *The Scientific Papers of James Clerk Maxwell*, Vol. 1 & 2. Dover Publications, 1890: New York.
- Maxwell, J. (1873). *A Treatise on Electricity and Magnetism*. Dover Publications, 1954: New York.
- Maxwell, J. (1877). *Matter and Motion*. Dover Publications: New York.
- McCall, M. (2001). *Classical Mechanics*. John Wiley & Sons: Chichester, England.
- McCrea, H. (1967). *Why The Special Theory of Relativity is Correct*. The Heretical Press: Yorkshire, England. (see Nature, 216:122-4 and 217:19-20).
- Michelson, A. (1881). *The Relative Motion of the Earth and the Luminiferous Ether*. American Journal of Science, XXI. 120-129.
- Michelson, A. & Morley, E. (1887). *On the Relative Motion of the Earth and the Luminiferous Ether*. American Journal of Science, XXXVI. 333-345.
- Miller, A. (1998). *Albert Einstein's Special Theory of Relativity*. Springer-Verlag: New York.
- Minikowski, H. (1908). *Space and Time* [Dover Publications, 1923, 1952, New York, New York, pp. 73-91].
- Moller, C. (1955). *The Theory of Relativity*. Clarendon Press: Oxford, England.
- Neffe, J. (2005). *Einstein*. Farrar, Straus and Giroux: New York.
- Newton, I. (1687). *Principia*, Vol. 1. [Translator: Motte, 1713] University of California Press, Berkeley, California.

- Newton, I. (1687). *Principia*, Vol. 1, 2, 3. [Translator: I. Cohen] University of California Press: Berkeley, California.
- Newton, I. (1704). *Opticks*. Dover Publications, 1952: New York.
- Oxford Dictionary of Physics*. (2000). Oxford University Press: Oxford, England.
- Okun, (1989). *The Concept of Mass*. [Physics Today, Vol. 42, (June 1989), pp. 31-36].
- Pais, A. (1982). 'Subtle is the Lord'. Oxford University Press: Oxford, England.
- Pauli, W. (1921). *Theory of Relativity*. Pergamon Press: London, England.
- Pavlovic, M. (2004). *Einstein's Theory of Relativity: Scientific Theory or Illusion?*
<Http://users.net.yu.NMRP>
- Penguin Dictionary of Physics*. (2000). The Penguin Group: London, England.
- Purcell, E. (1985). *Electricity and Magnetism*, Vol. 2. McGraw Hill Publishers: New York.
- Reichenbach, H. (1965). *The Theory of Relativity*. University of California Press: Berkeley, California.
- Reichenbach, H. (1958). *The Philosophy of Space & Time*. Dover Publications: New York.
- Resnick, R. (1968). *Introduction to Special Relativity*. John Wiley & Sons: New York.
- Resnick, R. (1992.) *Physics*, Vol. 1. John Wiley and Sons: New York.
- Rigden, J. (2005). *Einstein 1905*. Harvard University Press: Cambridge, Massachusetts.
- Rindler, W. (1969). *Essential Relativity*. Van Nostrand Reinhold Company: New York.
- Rohrlich, F. (1987) From Paradox to Reality. Cambridge University Press: Cambridge, England.
- Rosser, W. (1967). *Introductory Relativity*. Plenum Press: New York.
- Russell, B. (1923). *The ABC of Atoms*. E.P. Dutton & Company: New York.
- Russell, B. (1925). *The ABC of Relativity*. Routledge Classics: Abingdon, England. [New American Library Edition: New Jersey].

- Russell, B. (1927). *The Analysis of Matter*. Harcourt, Brace & Company: New York.
- Schwinger, J. (1986). *Einstein's Legacy*. Dover Publications: Mineola, New York.
- Segrè, G. (2007). *Faust in Copenhagen*. The Penguin Group: New York.
- Shadowitz, A. (1968). *Special Relativity*. Dover Publications: New York.
- Sherwin, C. (1961). *Basic Concepts of Physics*. Holt, Rinehart and Winston: New York.
- Sklar, L. (1976). *Space, Time and Spacetime*. University of California Press: Berkeley, California.
- Smith, J. (1965). *Introduction to Special Relativity*. W.A. Benjamin: New York.
- Smolin, L. (2006). *The Trouble With Physics*. Houghton Mifflin: Boston, Massachusetts.
- Sobel, M. (1987). *Light*. The University of Chicago Press: Chicago, Illinois.
- Stein, J. (2008). *How Math Explains the World*. Harper Collins Publishers: New York.
- Sutton, C. (1984). *The Particle Connection*. Simon and Schuster: New York.
- Synge, J. (1965). *Relativity: The Special Theory*. North-Holland Publishing Company: Amsterdam.
- Waldman, G. (1983). *Introduction to Light*. Dover Publications: Mineola, New York.
- Webster's New World Dictionary*, 3rd College Edition (1991). Simon and Schuster: New York.
- Wheeler, J. (1999). *A Journey Into Gravity and Spacetime*. Scientific American Library: New York.
- Whittaker, E. (1953). *A History of the Theories of Aether & Electricity*. Thomas Nelson and Sons: New York.
- Wolf, H. (1980). *Some Strangeness in the Proportion*. Addison-Wesley Publishing: Reading, Massachusetts.
- Yilmaz, H. (1965). *Introduction to the Theory of Relativity and the Principles of Modern Physics*. Blaisdell Publishing Company: New York.
- Young, H. & Freeman, R. (2000). *University Physics*. Addison-Wesley Publishing Company: San Francisco, California.

Zhang, Y. (1998). *Special Relativity and its Experimental Foundations*. World Scientific Publications: Singapore.