

Books on Reserve in the Physics Library
History 181B, Spring 2008
Modern Physics
Prof. Cathryn Carson

Required books: 1-day reserve

1. Frayn, Michael, *Copenhagen*, Methuen, 2000, PR6056.R3 C66 1998.
2. McCormach, Russell, *Night thoughts of a classical physicist*, Harvard, 1991, QC7 .M35.
3. A course reader, once it is made up.

Supplementary books: 1-day reserve

4. von Baeyer, Hans Christian, *Warmth disperses and time passes: the history of heat*, Modern Library, 1999, QC318. M35 V66 1999.
5. Birge, Raymond T. *History of the Physics Department*, QC45. C32. B5.
6. Boorse, Henry A., Lloyd Motz, and Jefferson Hane Weaver, *The atomic scientists: a biographical history*, John Wiley & Sons, 1989, QC773. B66 1989.
7. Brown, Laurie M., Abraham Pais, and Sir Brian Pippard, ed., *Twentieth century physics*, vol. 1, Institute of Physics, 1995, QC7. B685 1995 v.1.
8. Cushing, James T., *Philosophical concepts in physics: the historical relation between philosophy and scientific theories*, Cambridge, 1998, QC6. C85 1998.
9. Dörries, Matthias, ed., *Michael Frayn's Copenhagen in debate: historical essays and documents on the 1941 meeting between Niels Bohr and Werner Heisenberg*, Office for History of Science and Technology, 2005, PR6056.R3.C6436 2005.
10. Einstein, Albert, *Relativity: the special and the general theory*, Penguin, 2006, QC173.55.E384513 2006.
11. Gonick, Larry, *The cartoon guide to physics*, Harper, 1991, QC24.5. G66 1991.
12. Harman, P.M., *Energy, force, and matter: the conceptual development of nineteenth-century physics*, Cambridge, 1982, QC7. H257.
13. Heisenberg, Werner, *Physics and philosophy: the revolution in modern science*, Harper & Row, 1958, QC6. H39.
14. Kevles, Daniel J., *The physicists: the history of a scientific community in modern America*, Harvard, 1978, QC9.U5. K48 1978.
15. Kragh, Helge, *Quantum generations: a history of physics in the 20th century*, Princeton, 1999, QC7. K7 1999.
16. Laughlin, Robert. *A different universe: reinventing physics from the bottom down*, Basic Books, 2005, QC24.5 .L38 2005.
17. Nye, Mary Jo, *Before big science: the pursuit of modern chemistry and physics, 1800-1940*, Twayne, 1996, QD11. N94 1996.
18. Pais, Abraham, *Inward bound: of matter and forces in the physical world*, Oxford, 1986, QC21.2. P351 1986.
19. Pais, Abraham, "*Subtle is the Lord...*": *the science and the life of Albert Einstein*, Oxford, 1982, QC16. E5 .P26 1982.

20. Purrington, Robert D., *Physics in the nineteenth century*, Rutgers, 1997, QC7. P84 1997.
21. Resnick, Robert, and David Halliday, *Basic concepts in relativity and early quantum theory*, 2nd ed., rev. printing, Macmillan, 1992, QC173.55. R47.
22. Whitaker, Andrew, *Einstein, Bohr and the quantum dilemma*, Cambridge, 1996, QC174.12 .W48 1996.