



ASTRONOMY AND ASTROPHYSICS Research Guide

Electronic Directories

Help by Subject: Physics [<http://www.library.ucsb.edu/subjects/physics/phys.html>]

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INSPEC (1969 to present) and ***INSPEC Archive*** (1898-1968)

Covers the worldwide literature in physics, astrophysics, and astronomy. Includes abstracts.

Web of Knowledge (1945 to present)

Multidisciplinary index in science and technology. Covers major scholarly journals. Includes an index to cited articles and those articles which cite them.

Compendex Plus (1884 to present)

Focuses on engineering and technology; includes engineering applications in astronomy, telescopes and other instruments, and spacecraft. Indexes journals and selected books and reports. Includes abstracts.

MathSciNet (1940 to present)

Focuses on mathematics and its applications in areas such as astronomy and celestial mechanics. Includes evaluative reviews and abstracts of articles.

NTIS (1990 to present)

Government-sponsored research and technical reports.

Academic Search Complete (1984 to present)

Citations to articles in scholarly and popular sources. This is a good source for less specialized articles. The full text of many articles is included.

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Pegasus [<http://pegasus.library.ucsb.edu/>]

Cataloged materials in the University of California, Santa Barbara Library.

Melvyl [<http://melvyl.cdlib.org>]

Cataloged materials in the University of California libraries.

General Sources

McGraw-Hill encyclopedia of science and technology. 2007. [SEL Ref Q 121 .M3 2007]

Almanacs, Dictionaries, and Encyclopedias

Astronomy encyclopedia. 2002. [SEL Ref QB 14 .P48 2002b]

Cambridge dictionary of astronomy. 2001. [SEL Ref QB 14 .M55 2001]

Cambridge encyclopedia of amateur astronomy. 2003. [SEL Ref QB 64 .B36 2003]

The century of space science. 2001. [SEL Ref QB 498 .C46 2001]

The chronological encyclopedia of discoveries in space. 2000. [SEL Ref QB 500.262 .Z56 2000]

Cometography : a catalog of comets. 1999- [SEL Ref QB 722 .K75 1999]

Dictionary of geophysics, astrophysics, and astronomy. 2001. [SEL Ref QB 14 .D53 2001]

Encyclopedia of astronomy and astrophysics. 2001. [SEL Ref QB 14 .E534 2001]

Encyclopedia of space and astronomy. 2006. [SEL Ref QB 136 .A55 2006]

Encyclopedia of space science and technology. 2003. [SEL Ref QB 497 .E53 2003]

Encyclopedia of the solar system. 2007. [SEL Ref QB 501 .E53 2007]

History of astronomy: an encyclopedia. 1997. [SEL Ref QB 15 .H624 1997]

Oxford astronomy encyclopedia. 2002. [SEL Ref QB 14 .P48 2002b]

StarBriefs plus : a dictionary of abbreviations, acronyms, and symbols in astronomy and related space sciences. 2004. [SEL Ref QB 14 .S743 20004]

Atlases

Cambridge atlas of astronomy. 3rd ed. 1994. [SEL Ref QB 65 .G6813 1994]

The de Vaucouleurs atlas of galaxies. 2007. [SEL Ref QB 857 .B88 2007]

Norton's star atlas. 2004. [SEL Ref QB 64 .R43 2004]

Tables

Allen's astrophysical quantities. 2000. [SEL Ref QB 461 .A7685 2000]

Sunrise and sunset tables for key cities and weather stations in the U.S. 1977. [SEL Ref QB 216 .U64 1977]

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