



## Finding Information on Mathematics in the JSCC Library

### I. Books

#### A. Reference Books

If you aren't familiar with your topic, it's best to start with a reference book for an overview of the topic. This will help you define terms, provide names of researchers and verify important dates. Your textbook is often a good source of overview articles.

*The Facts on File dictionary of mathematics (Ref QA5 .G52 1988)*

*The International dictionary of applied mathematics (Ref QA5 .I5)*

*Mathematics dictionary (Ref QA5 .J32 1976)*

*Notable women in mathematics : a biographical dictionary (Ref QA28 .N68 1998)*

*The VNR concise encyclopedia of mathematics (Ref QA40 .V18 1977)*

*Handbook of mathematical tables and formulas (Ref QA47 .B8 1965)*

*CRC standard mathematical tables (Ref QA47 .C53 1987)*

*The Concise Oxford Dictionary of Mathematics (<http://www.oxfordreference.com>)*

*A Dictionary of Weights, Measures, and Units (<http://www.oxfordreference.com>)*

#### B. Circulating Books

Use the JSCC online library catalog to find books. The catalog is available from the JSCC Library home page at <<http://library.jsc.edu>>. Search by subject, author, title or keyword. Remember to 'Limit the search by holdings location' to 'Jackson State Community College'.

Books in the JSCC Library are arranged according to the Library of Congress Classification System. Each book is assigned a unique call number. Books written about the same subject have similar call numbers, grouping them together on the shelves and making it easy for you to browse. For books on your topic, check the shelves for call numbers beginning with...

*QA: Mathematics      QA 150: Algebra      QA 440: Geometry*

#### C. Electronic Books

You might also want to try *NetLibrary*, a fully searchable collection of books online. Available from the *Online Library Catalog* or *Databases* links on the library home page. For access from home, please contact us.

### II. Audio/Visual

Audio/visual resources can be found by searching the *Online Catalog* or by going to the *Library Collections* links on the library home page.

*How to be a confident math solver (QA40 .S83 1988 (V906))*

*The Kay Toliver files (QA 135.5 (16 video set))*

### III. Periodicals

Magazine and journal articles are an excellent source for recent information and research. The JSCC Library subscribes to the following periodicals relating to Mathematics. To find articles in these journals, use the databases indicated (explained below).

<i>Mathematics Teacher</i>	1989-present	<i>Academic Search Elite</i>
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The following journals are available electronically in full-text form in the database listed. The JSCC databases are available at: <http://library.jsc.edu/databases>. To access databases from home, please contact us.

<i>Advances in geometry</i>	2001 to present	<i>Academic Search Elite</i>
<i>Bulletin of the Amer. Math. Society</i>	1998 to present	<i>Wilson Omnifile</i>
<i>Educational studies in mathematics</i>	1997 to 1 year ago	<i>Academic Search Elite</i>
<i>Mathematical intelligencer</i>	1993 to 1 year ago	<i>Academic Search Elite</i>
<i>Micromath</i>	2001 to present	<i>Wilson Omnifile</i>
<i>UMAP journal</i>	2003 to present	<i>Wilson Omnifile</i>

### III. Databases

These databases are available on computers in the Data Center. From the library home page <<http://library.jsc.edu/>>, click *Databases*, then select the database you wish to search. Please ask us for the usernames and/or passwords you'll need to access these from home.

- *Academic Search Elite* - Multi-disciplinary database covering virtually every area of academic study. Contains 1,850 scholarly journals, including nearly 1,300 peer-reviewed titles.
- *Wilson OmniFile* - Wilson OmniFile Full Text, Mega Edition dramatically expands your periodical resources with electronic access to full text articles, page images, article abstracts, and citations from thousands of sources.
- *General Science Full Text* - Easy-to-use and designed specifically for students and non-specialists, General Science Full Text is the first place to look for answers to science-related questions.

### IV. Internet

Use search engines and subject directories to find other Internet information on your topic. From the library home page, click on *Subject Directories* or *Search Engines*. Here are some suggested pages...

*Abstract Algebra Online:* <http://www.math.niu.edu/~beachy/aaol/>

*Math Forum:* <http://mathforum.org/>

*The Geometry Center:* <http://www.geom.uiuc.edu/>

*History of Mathematics:* <http://www.math.sfu.ca/histmath/>

**Need Help?** Ask at the *Reference Desk*, call (731) 424-3520 ext. 572