

# ***Forsyth Library's***

## ***Math & Computer Science Research Guide***

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*Last updated 11-17-08*

## ***Resources in Mathematics and Computer Science: Databases***

1. [ABI/INFORM](#)

Information on business applications of mathematics and computer science.

"Databases" on the  
Library Website

2. [Academic OneFile](#)  
(Multi-Disciplinary)

Multidisciplinary database containing general and scholarly articles. Some full text materials.

"Databases" on the  
Library Website

3. [Applied Science and Technology](#)

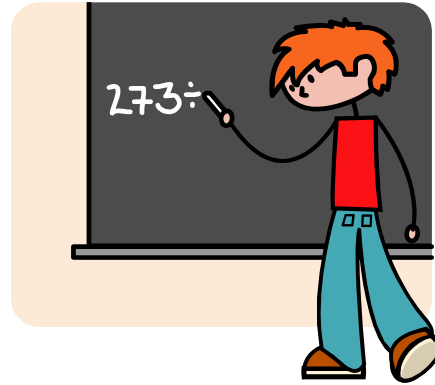
Provides information, with some full texts, on the applied sciences and technology.

"Databases" on the  
Library Website

4. [Expanded Academic](#) (Multi-Disciplinary)

Index coverage and full-text articles are available from the broad subjects provided by this database.

"Databases" on the  
Library Website



5. [General Reference Center Gold](#)  
(Multi-Disciplinary)

General interest database that integrates a variety of sources. There is some full text.

"Databases" on the  
Library Website

6. [General Science - Wilson Web](#)  
(Multi-Disciplinary)

Easy-to-use and designed specifically for students and non-specialists.

"Databases" on the  
Library Website

7. [Wilson Omnifile - Wilson Web](#)  
(Multi-Disciplinary) - 1982-

This database cites articles, as well as provides some full-text of selected articles on a variety of subjects.

"Databases" on the  
Library Website

## Major Journals

- |  |   |
|--|---|
| 1. <i>American Journal of Mathematics</i><br>QA 1 .A51                   | 6. <i>SIAM Review</i><br>QA 1 .S2   |
| 2. <i>Bulletin of the American<br/>Mathematical Society</i><br>QA 1 .A52 | 7. <i>Journal for Research in<br/>Mathematics Education</i><br>QA 11 A1 J68 |
| 3. <i>Mathematical Gazette</i><br>QA 1 .M426                             | 8. <i>Mathematics Teaching</i><br>QA 11 A1 M28                              |
| 4. <i>Mathematics Teacher</i><br>QA 1 .N28                               | 9. <i>Historia Mathematica</i><br>QA 21 .H54                                |
| 5. <i>Pentagon</i><br>QA 1 .P37  | 10. <i>Teaching Children Mathematics</i><br>QA 135 .A61                     |

## Electronic Journals

[Click here to browse full-text math & science journals available in the library's databases.](#)

On-Campus Only

[Click here & search for "computer" to browse full-text computing journals.](#)

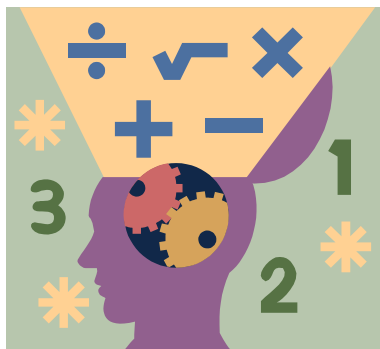
On-Campus Only

[Click here to browse full-text math & statistics journals from the Directory of Open Access Journals.](#)

Available to All Users.

[Click here to browse full-text Computer Science journals from the DOAJ](#)

Available to All Users.



# Finding Full-Text Articles Flowchart

Search for your topic in a database (see p. 2), and choose an article. Is there a link to the full-text located underneath the article title/citation?

NO

YES

Click on the link to see the entire article.

- **HTML** = text only
- **PDF** = looks like a photo of the printed page, including graphics. Photos might not appear due to copyright restrictions.

Is there:

- a link for **LinkSource**
- a link that says "Get Article"
- a circular blue & green icon



NO

YES

Click on the link or icon. **If you are off campus, call 785-628-5283 or e-mail [refserv@fhsu.edu](mailto:refserv@fhsu.edu) to get the LinkSource username**

This will activate a search of other databases for the article. **If it is found, it will appear in a new window.**  
If not, you'll see:

If the article was not found

Are you on-campus, or are you a Hays-area student?

NO

YES

You can request the article through:

[Distance Services](#)

**Be sure to allow adequate time for your article to arrive.**

Search the [Online Catalog](#) for a print or microform copy of the article.

Type in the name of the JOURNAL in which the article appears, and click "journal title keyword". If it is found, click on the title, and look at the dates available to see if the year you need is there.

Note the **call number** and find the journal in the Periodicals section (1994 or later), the basement (pre-1994) or on microfilm (MF call #), in the filing cabinets in the Periodicals section. **Library staff members are glad to help you with the MF readers and printers, if needed.**

If we don't own the article in print or microfilm, you can request the article through:

[Interlibrary Loan](#)

Click on Services on the Library's homepage.

**Be sure to allow adequate time for your article to arrive.**

## Reference Sources

Print

- |  |  |
|--|--|
| <ol style="list-style-type: none"><li>1. <i>Math Dictionary with Solutions</i><br/>QA 5 .K692</li><li>2. <i>CRC Concise Encyclopedia of Mathematics</i><br/>QA 5 .W45</li><li>3. <i>Notable Mathematicians</i><br/>QA 28 .N66</li><li>4. <i>CRC Handbook of Tables for Mathematics</i><br/>QA .47 .H32</li></ol> | <ol style="list-style-type: none"><li>5. <i>CRC Standard Mathematical Tables and Formulae</i><br/>QA 47 .M315</li><li>6. <i>Dictionary of Statistics</i><br/>QA 276.15 E84</li><li>7. <i>CRC Handbook of Tables for Probability and Statistics</i><br/>QA 276.25 .B48</li><li>8. <i>Encyclopedia of Computers and Computer History</i><br/>QA 76.15 .E53</li><li>9. <i>Computer Pioneers</i><br/>QA 76.2 .A2 L44</li></ol> |
|--|--|

## Electronic Books & Online Reference Sources

### [Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables](#)

[Net Library](#): Must set up an account (free)

[CREDO Reference](#): Search by keyword, or click on Find a Book, then on Science or Technology to view electronic encyclopedias, dictionaries, and more.

[Britannica Online](#): Electronic version of the Encyclopedia Britannica

[Academic Press](#):

[Mathematics](#)

[Computer Science](#)

## Websites

[Quick Reference sites](#): dictionaries, statistics, factbooks, etc.

[Math & Computer Science Websites](#)

[Websites by Subject](#)

# Finding Books

If you would like to browse for books,  
look in these areas in the General Collection on the 2nd floor:

Mathematical Logic.....	QA 9-10.3
Computer Science & Data Processing.....	QA 75-76
Elementary math, arithmetic.....	QA 101-141
Algebra.....	QA 150 -272
Probabilities.....	QA 273 -274
Mathematical Statistics.....	QA 276 -280
Numerical Analysis.....	QA 297 -299.4
Analysis.....	QA 299.6 - 433
Geometry, trigonometry, topology.....	QA 440 -699
Analytic mechanics.....	QA 801 - 939

## How to use the [Online Catalog](#) to search for books

To access the catalog, click on the link above, or go to the library's homepage at [www.fhsu.edu/forsyth\\_lib](http://www.fhsu.edu/forsyth_lib). Next, click on "Online Catalog", on the left hand side under *Quick Links*.

Type in your topic in the "Find this" box. Type in just the key (most important) words, and leave out "the", "and", "an", etc.

Next, choose what type of search you want to do: keyword, title keyword, journal title, etc. This tells the computer where you want it to look for your search terms:

**Keyword Search:** Searches for your term in every area, including title, descriptions, publisher, author, etc. This search will yield many results, but many will be irrelevant because your term is just mentioned briefly, and is not necessarily a focus of the book.

**Title Keyword:** This finds only those items that have your search terms in the title. It is a good way to find really relevant items on your topic. You can also use this search if you are looking for a specific book but are unsure of the exact title.

**Left Anchored Title:** Use this if you know the exact title of an item, or the first few words.

**Author Browse:** Find all works (owned by Forsyth Library) by a particular author. Enter the name last name first, followed by the first name, or an initial, if you know it.

**Journal Title Keyword:** search for a full or partial journal, newspaper or magazine title. Click on the title to see the call number and what years/issues of this periodical the library owns.

Once you've found a title you like, note the **location, call number, and status** (if it is checked out or not).

Title: **The anatomy of hope: how people prevail in the face of illness.**

**Location:** General Collection: Top Floor **Call Number:** R726.5 G76 **Status:** Available

# *Citing Your Sources*

## Style Guides

**Online:** [Duke University's Citation Guide](#) (the basics)

**Print:** Style manuals can be found at the Reference Desk,  
and in the following areas:

- **GC:** General Collection on the 2<sup>nd</sup> Floor. These can be checked out.
- **RES:** Reserve Desk on the 1<sup>st</sup> floor: **3 hour check-out.**
- **REF:** Reference Area on the 1st floor. For use in the library. No check-out.

If you are unsure about which style manual to use, consult your professor.

American Psychological Association (APA) [BF76.7 .P82](#) **GC, RES, REF**

APA Style Guide to Electronic References: [BF76.7.P82 suppl. 1 2007](#) **RES, REF**

[APA Format and Style Guide](#) by *Purdue Writing Lab*

Modern Language Association (MLA): [LB2369.G53](#) **GC, RES, REF**

[MLA Format and Style Guide](#) *Purdue Writing Lab*

Chicago Manual of Style: [Z253.U69](#) **GC, REF**

[Chicago Format & Style Guide](#) *Ohio State University*

Turabian Manual for Writers: [LB2369.T8](#) **GC, RES, REF**

[Turabian Format & Style Guide](#) *Ohio State University*

For additional writing assistance, visit or contact the

[FHSU Writing Center](#)

628-4106, Forsyth Library Rm. 20

### ***HOURS***

Monday - Thursday: 9:00 a.m. – 5:00 p.m.

Monday, Tuesday & Wednesday Evenings: 6:30–8:30 p.m.

Friday: 9:00 a.m.–12:30 p.m.