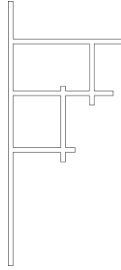


Guide to Selected Library Resources on

MATHEMATICAL SCIENCES



Madigan Library

Classification of Materials

The Library of Congress classifications for mathematics are QA. More specifically, QA is broken down as follows:

QA1-939 Mathematics	QA101-(145) Elementary mathematics. Arithmetic
QA1-43 General	QA150-272.5 Algebra
QA47-59 Tables	QA273-280 Probabilities. Mathematical statistics
QA71-90 Instruments and machines	QA299.6-433 Analysis
QA75-76.95 Calculating machines	QA440-699 Geometry. Trigonometry. Topology
QA75.5-76.95 Electronic computers. Computer science	QA801-939 Analytic mechanics
QA76.75-76.765 Computer software	

Browsing in any of these areas may lead to the discovery of valuable material in addition to the specific items listed in this guide.

Catalogs and Indexes

The Madigan Library's online catalog includes information about all items in the library's physical and virtual collections. When using the catalog, you may search by **author, title, subject, or words or phrase**. You can limit your search to videos, DVDs, etc. by choosing the **Media Search** feature. You can also choose the **Periodicals Search** feature to find magazines, journals and newspapers the library subscribes to in print or electronically. Note, however, this type of search does not locate individual articles. To do this, use the **Databases** link from the library's home page and choose a broad subject heading, such as **Science and Technology**.

Journals

Listed below are some magazines and journals to which the Madigan Library currently subscribes:

AMATYC Review	Mathematics and Computer Education
American Journal of Mathematics*	Mathematics Magazine*
American Mathematical Monthly*	Mathematics Teacher
College Mathematics Journal	Quarterly Journal of Mathematics*
Journal of Recreational Mathematics*	Scholastic Math Magazine*
Mathematical Thinking and Learning*	Teaching Statistics*

* Denotes electronic access only

In the following lists, REF indicates resources in the Reference Collection on the 1st Floor of the Madigan Library.

Dictionaries

Dictionary of Applied Math for Engineers and Scientists	REF QA5 .D49835 2003
Facts on File Dictionary of Mathematics	REF QA5 .F35 2005
McGraw-Hill Dictionary of Mathematics	REF QA5 .M425 2003
Numbers You Need	REF QA93 .H65 1992

Encyclopedias

CRC Concise Encyclopedia of Mathematics	REF QA5 .W45 2003
Encyclopedia of Integer Sequences	REF QA246.5 .S66 1995
Encyclopedia of Mathematics	REF QA5 .T34 2005

Guides and Handbooks

CRC Handbook of Mathematical Sciences	REF QA47 .H324 1987
CRC Standard Mathematical Tables and Formulae	REF QA47 .M315 2003
Handbook of Mathematical Formulas and Integrals	REF QA47 .J38 2008
Handbook of Mathematical Formulas, Tables, Functions, Graphs, Transforms for Mathematicians, Scientists, Engineers	REF QA40 .H35 1980
Handbook of Mathematical Tables and Formulas	REF QA47 .B8 1965
Oxford User's Guide to Mathematics	REF QA40 .T4813 2004

World Wide Web Resources

The Madigan Library has many excellent resources available on the Internet. Use the homepage at www.pct.edu/library as a portal to them.

The Mathematical Sciences Subject Guide is available at www.pct.edu/library/research/subjectguides/mathematics/. Use this link to access Web sites that have been selected and evaluated by a librarian.