

Mathematics



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To find books on mathematics, check the online catalog using a word or phrase search on the term "Mathematics." For biographical information, use "mathematicians" as your key word.

Selected Print Resources

<i>The A to Z of Mathematics: A Basic Guide</i>	QA93 S49 2002 REF
<i>CRC CONCISE ENCYCLOPEDIA OF MATHEMATICS</i>	QA5 W45 2003 REF
<i>Dictionary of Algebra, Arithmetic, and Trigonometry</i>	QA5 D4983 2001 REF
<i>Encyclopedia of Mathematics</i>	QA5 T34 2002 REF
<i>Encyclopedia of Mathematics Education</i>	QA11 E665 2001 REF
<i>Facts on File Dictionary of Mathematics</i>	QA5G52 1981 REF
<i>Mathematical Handbook of Formulas and Tables</i>	QA41L58 1999
<i>Mathematics Assessment: A Practical Handbook for Grades 9-12</i>	QA13M153 1999
<i>Mathematics Tables and How to Use Them</i>	QA7S58 REF
<i>Prentice Hall Encyclopedia of Mathematics</i>	QA5P7 1982 REF

ELECTRONIC RESOURCES

Academic Search Premier

This is a scholarly, multi-disciplinary full-text database containing full text for nearly 4000 scholarly publications, including more than 3100 peer-reviewed publications.

Example: Crowley, Mary L. "The Mathematics Portfolio" *American Mathematical Monthly*, 102 (1995), 19-23.

(Article on creating a portfolio for employment.)

ERIC

ERIC, the Educational Resource Information Center, is a national information system supported by the U.S. Department of Education, the National Library of Education, and the Office of Educational Research and Improvement. It provides access to information from journals included in the *Current Index of Journals in Education* and *Resources in Education Index*. ERIC provides the full text of more than 2200 digests along with references for

additional information and citations and abstracts from over 1000 educational and education-related journals.

Example: Lustick, David. "The Numbers Game" *Science Teacher*, 64 (1997), 16-18.

(Article on an activity using scientific notation and a bag of unpopped popcorn.)

JSTOR

This database covers *American Journal of Mathematics*, *Annals of Mathematics*, *Journal of the American Mathematical Society*, and twelve other titles for a total of fifteen full-text mathematics journals. *JSTOR* is a journal archive, so its coverage tends to be less current than other databases.

Example: Weisglass, Julian. "Mathematics for Elementary Teaching: A Small-Group Laboratory Approach" *American Mathematical Monthly*, 84 (1977), 377-382.

(Article on teaching mathematics using small groups for prospective elementary school teachers.)

MathSciNet

This is a comprehensive database covering the world's mathematical literature since 1940 and providing Web access to the bibliographic data and reviews of mathematical research literature contained in the Mathematical Reviews Database.

Example: Grant, Hardy. "Mathematics and the Liberal Arts II" *College Math Journal*, 30 (1999), 197-203.

(Second part of an article on the history of mathematics in the liberal arts curriculum.)

SELECTED LIST OF MATHEMATICS JOURNALS AVAILABLE IN NSU LIBRARIES

American Mathematical Monthly: Official Journal of the Mathematical Association

Arithmetic Teacher

Bulletin of the American Mathematical Society

College Mathematics Journal

International Journal of Mathematical Education in Science and Technology

Journal of the American Mathematical Society

Mathematics in School

Mathematics Magazine

Mathematics Teacher

Mathematics Teaching