

Sources in

MATHEMATICS & STATISTICS

This guide lists a selection of the more important sources of information on Mathematics and Statistics available at Concordia Libraries. Most print materials are located in the Reference area (REF). **This is not a complete list.** Additional resources may be found by searching CLUES, the library catalogue.

For more information, consult the *Research Guides by Subject* available on the Libraries' Web site at <http://library.concordia.ca/research/subjects/> or contact the reference librarian.

Dictionaries

Cambridge dictionary of statistics	REF QA 276.14 E84 2002 WEB
Collins dictionary of mathematics	REF QA 5 B57X 2002 WEB
Concise Oxford dictionary of mathematics	REF QA 5 C53 1996 WEB
Dictionary of analysis, calculus and differential equations	REF QA 5 D53 2000 WEB
Dictionary of logical terms and symbols	REF QA 9 G698 VAN, WEB
Dictionary of statistical terms	REF HA 17 K4 1990 VAN, WEB
Dictionary of statistics	REF QA 276.14 U67 2002 WEB
Harper Collins dictionary of statistics	REF QA 276.14 P67 1991 VAN, WEB
Lexique bilingue du vocabulaire mathématique	REF QA 5 H39 2000 WEB
Longman mathematics handbook	REF QA 5 S45 1991 WEB
Words of mathematics: an etymological dictionary	REF QA 5 S38 1994 WEB

Encyclopedias

Companion encyclopedia of the history and philosophy of the mathematical sciences	REF QA 21 C645 1994 WEB
CRC concise encyclopedia of mathematics. 2 nd ed.	REF QA5 W45 2003 WEB
Encyclopaedia of mathematics	REF QA 5 M3713 1988 WEB, VAN
Encyclopedia of mathematics education	REF QA11 E665 2001 WEB
Encyclopedia of statistical sciences	REF QA 276.14 E5 1982 VAN, WEB
Systems & control encyclopedia	REF QA 402 S968 1987 WEB
VNR concise encyclopedia of mathematics	REF QA 40 V18 1989 VAN

Handbooks and Tables

Atlas of functions	QA 331 S685 1987 WEB
Beta mathematics handbook	REF QA 41 R33 1990 WEB
Catalog of special plane curves (1972)	REF QA 565 L35 WEB, VAN
CRC standard curves and surfaces	REF QA 643 V67 1993 WEB
CRC standard mathematical tables & formulae	REF QA 47 M315 2003 WEB
CRC standard probability & statistics: tables & formulae	REF QA 276.25 C72 1991 VAN
Fuzzy theory systems: techniques and applications	REF QA 9.64 F897 1999 WEB
Handbook of applied mathematics	REF QA 40 P38 1983 WEB
Handbook of applied optimization	REF QA402.5 H334 2002 WEB
Handbook of differential equations	REF QA 371 Z88 1992 WEB, VAN



Handbook of generalized special functions for statistical physical sciences	QA 351 M35 1993 WEB
Handbook of integral equations	REF QA431 P65 1998 WEB
Handbook of mathematics	REF QA 40 B869+ 1985 VAN, WEB
Handbook of mathematics and computational science	REF QA41 H37 1998 WEB
Handbook of mathematical formulas and integrals	REF QA47 J38 2000 VAN
Handbook of numerical calculations in engineering	REF TA 335 T85 1989 WEB
Inverse engineering handbook	REF TA647 D45 I575 2003 WEB
Mathematical handbook of formulas and tables	REF QA41 S75 1999 WEB
Oxford user's guide to mathematics	REF QA40 T4813 2004
Statistical data analysis handbook	REF QA 276.25 W35 1986 WEB
Statistical tables, explained and applied	REF QA276.25 L3813 2002 WEB
Statistical tables & formulae	REF QA 276.25 K65 1989 WEB
Tables, data and formulae for engineers & mathematicians	REF QA 41 T32+ 1989 WEB

Databases and Indexes to Periodicals

These resources enable you to identify articles from journals and other periodicals. The databases can generally be searched by author, title keyword, and subject keyword. In order to locate a journal article, check CLUES under **Journal Title** to see if the journal is available at Concordia in print or electronic format.

MathSciNet

Covers the full range of mathematical literature with citations to articles in mathematics, statistics, computer science and operations research. Includes the indexing from **Mathematical Reviews** and **Current Mathematical Publications**. Coverage from 1940 onward.

Academic Search Premier (EBSCO)

A multidisciplinary database that indexes over 300 journals and magazines in mathematics. Includes the full-text of some journals. Coverage from 1975 onward.

Web of Science

A multidisciplinary database that indexes leading mathematical and statistical journals. It is also a citation database that shows how often articles are cited. Coverage from 1989 onward.

ACM Digital Library

The database of the publications of the Association for Computing Machinery. The mathematics of computing is a major subject area in this database.

Statistical Theory & Method Abstracts

An index with abstracts of articles from the leading statistical journals. Available only at the Webster Library. Coverage from 1964 to 2001 in print, and from 1990 onward on CD-ROM.

ProQuest Dissertations & Theses

This database indexes doctoral dissertations and masters theses, mostly from North American universities. Coverage goes back to 1861. Full text available for many titles from 1997 onward.

If you need assistance, please ask at the Reference Desk

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Last modified August 2006