



St John's College Library

SUBJECT GUIDE:
MATHEMATICS

Resources for Mathematics

1. Books

All Maths book classmarks begin with the letters QA, and are shelved on the Mezzanine. Oversize volumes precede the main sequence.

A broad outline of the arrangement of the mathematics section:

QA 1-43	Mathematics (general)
QA 47-59	Tables
QA 75-76.95	Computer Science
QA 101-145	Elementary mathematics, Arithmetic
QA 150-272.5	Algebra
QA 273-280	Probabilities, Mathematical statistics
QA 199.6-433	Analysis
QA 440-699	Geometry, Trigonometry, Topology
QA 801-939	Analytic mechanics

Related works which may be of interest to applied mathematicians include physics books (QC also on Mezzanine) and engineering books (T in Chapel wing, Second floor).

2. Journals

All of the Library's journal holdings, listed by subject, are available via the website: <http://www.joh.cam.ac.uk/journals>

The Library takes a couple of mathematical journals. The unbound parts are kept in the Current Periodicals Area on the Ground floor, bound volumes are in journal sequence on the Mezzanine, older backruns may be found in the Chapel Basement, shelved alphabetically by title or name of institution.

*Mathematical Proceedings of the Cambridge
Philosophical Society
Mathematical Gazette*

Q 41.C3.M3
QA 1.G3

The Library also has holdings for *Acta Mathematica* (ACT) and the *London Mathematical Society* (LON) publications to the end of 2003. These are shelved in the Chapel Basement.

Ejournals can be searched via eresources@cambridge (see overleaf for more information).

3. Electronic Resources

The Library Gateway provides a complete guide to electronic resources available across the University:

<http://www.lib.cam.ac.uk/eresources/index.php>

Select 'Mathematical Science' from the drop-down menu. Key resources include:

arXiv.org

MATHSCINET via WEB (American Mathematical Society)

Science Citation Index (ISI: Web of Science)

Zentralblatt MATH (European Mathematical Society)

The Department of Applied Mathematics and Theoretical Physics website provides numerous links to relevant databases and reference sites:

<http://www.damtp.cam.ac.uk/info-office/>

Note: A Raven password is required for online access off-campus.

Recommendations

The College Library aims to provide all works necessary for Part One courses, and a selection of the most important works required for Part Two. We receive reading lists from the departmental libraries in advance of each academic year, and continually update the Library collections in response to requests from Directors of Studies, supervisors, and students. If texts you require for your course are not available in the College Library, please talk to a member of Library staff. Recommendation cards for new purchases can be found at the Issue Desk, and all reasonable requests will be considered.

Help

If you have any difficulty in tracing the material you need, whether in printed or electronic format, please ask a member of Library staff for assistance.