Using the Web

M.Sc. in Mathematical Modelling & Scientific Computing,
Additional Skills

16th November 2020

Course Webpages

Examiners' reports for the course are available from

- https://www.maths.ox.ac.uk/members/students/postgraduate-courses/msc-mmsc/internal-examiners-reports
- https://www.maths.ox.ac.uk/members/students/postgraduate-courses/msc-mmsc/external-examiners-reports
  (You will need to log in to the website to access the external examiners' reports.)

Library Information

ORLO is a great resource for finding recommended texts for each course

https://oxford.rl.talis.com/index.html

or use the link from each individual course page.

The Mathematical Institute library information page at

https://www.maths.ox.ac.uk/members/library

has a link to SOLO (Search Oxford Libraries Online)

http://solo.bodleian.ox.ac.uk/

The library services home page is at

http://www.bodleian.ox.ac.uk/

and from here the Finding Resources tab is particularly useful.

Oxford Exam Papers on the Web

Past exam papers are available from the Maths Institute website

https://www.maths.ox.ac.uk/members/students/postgraduate-courses/msc-mmsc/past-papers

Some solutions are also available at

https://www.maths.ox.ac.uk/members/students/postgraduate-courses/msc-mmsc/exam-solutions

(You will need to log in to the website to access these.)

Oxford Exam Papers on the Web

Undergraduate exam papers are available from the Maths Institute website at

https://www.maths.ox.ac.uk/members/students/undergraduate-courses/examinations-assessments/past-papers

(Papers B5a, B5b, B5, B5.1, B5.2, B21a, B21, B6.1, C12.1a, C12.1b, C12.1, C6.1 and C6.2 are relevant. Of the older papers b5, b9 and c1–c5 may contain relevant questions.)

Solutions to selected questions can be found at

https://www.maths.ox.ac.uk/members/students/undergraduate-courses/examinations-assessments/part-b-specimen-solutions

https://www.maths.ox.ac.uk/members/students/undergraduate-courses/examinations-assessments/part-c-specimen-solutions

(You will need to log in to the website to view these solutions.)

Further Study/Jobs

- http://www.maths.ox.ac.uk/about-us/vacancies
- http://www.jobs.ac.uk/
- https://www.acad.jobs/Jobs/Mathematics-Statistics
- http://www.findaphd.com/

Search Engines

- Try google http://www.google.co.uk
  Can be used to find people, code, etc.
- For information about people in academia try google scholar
  http://scholar.google.co.uk

Finding Papers on the Web

- Use google to find the author's web page
- Use MathSciNet http://www.ams.org/mathscinet
- Use the Web of Science http://wok.mimas.ac.uk
- Use the ACM Digital Library http://dl.acm.org

- A good starting point is "The Not so Short Introduction to LaTeX 2ε" found at https://tobi.oetiker.ch/lshort/lshort.pdf
- Lots of information about LaTeX including the OCIAM thesis class is available at http://www.maths.ox.ac.uk/members/it/faqs/latex
- More information is at http://www-h.eng.cam.ac.uk/help/tpl/textprocessing/
- For extra packages try searching at http://ctan.org/pkg

Matlab

- Printable documentation for Matlab is available at http://www.mathworks.co.uk/help/techdoc/index.html
- Information about various Matlab toolboxes is available at http://www.mathworks.co.uk/products/
- A user-contributed code library for Matlab is available at http://www.mathworks.co.uk/matlabcentral/
- The books Numerical Computing with MATLAB and Experiments with MATLAB by Cleve Moler are available from http://www.mathworks.co.uk/moler/

Finding software

- Netlib (collection of mathematical software, papers, and databases):
  http://www.netlib.org
- NIST guide to available mathematical software:
  http://gams.nist.gov/
- GNU Scientific Library
  http://www.gnu.org/software/gsl/
- Numerical software tools and information sources
  http://people.maths.ox.ac.uk/trefethen/tools.html