

The following is a list of some of the mathematics-related software that is available on the departmental servers.

- `mathematica` or `math` version 6.0 on *sphere*
- `xmaple` or `maple` version 11 on *sphere*
- `matlab` version 7.4.0.287 (R2007a) on *sphere*
- M2 (*Macaulay2*) on *sphere*
- `gp` (*pari-gp*) on *sphere*
- `gcc` (*C compiler*)
- `g++` (*C++ compiler*)
- `g77` (*Fortran compiler*)
- Mathematical typesetting with `TEX`, `LATEX`, `AMS-TEX` and `AMS-LATEX` is available on *coxeter* (via `tex`, `latex`, `amstex`, `pdftex`, and `pdflatex`). We also have METAFONT for generating new fonts, `xdvi` and `dvi` for previewing dvi output, and `acroread` for previewing PDF output, on X-terminals.
- `Print` is the simplified front end for printing *PostScript*, *PDF*, *dvi*, and *ascii* documents on *lw2*, the Xerox Phaser 4510 laser printer in BA6290A and on *lw3*, the Xerox Phaser 4500 laser printer in BA6200.
- The printers support two-sided (also known as duplex) printing.
- MS Word documents can be edited and printed (if they are not too arcane) with the *OpenOffice* software `oowriter`.
- Type `Print` by itself to get documentation about the many options that it supports. Type `Print -d file` to preview on an X-terminal what will be sent to the printer if you run `Print file`.
- Email to the Internet is supported by our mail server which allows read access either via (encrypted) webmail at <https://mail.math.utoronto.ca/> or via IMAPS (port 993). `pine` is a command-line oriented mail client that can handle IMAPS and it is relatively simple, but a modern GUI client, such as `thunderbird` on *coxeter* may be more intuitive.
- The server `smtp.math.utoronto.ca` can be used for outgoing email if you are on the departmental network in Bahen or if you use a secure authenticated TLS connection to the message submission port (port 587).
- The latest version of `firefox` is available on *coxeter* for accessing the Web. `firefox` only runs on X-terminals, but `lynx` is also available and will run on ASCII terminals.

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