

Mathematical software

Commercial software

The Physics department has Mathematica and Matlab available, and we can make use of these programs for the occasional user. More information about the [mathematica](#) software licenses.

Note: the campus license for Maple was terminated a couple of years ago.

Free / Open Source mathematical software

Most of our Linux desktops have the following software installed:

- [Maxima](#) (and the [wxMaxima](#) graphical interface) for symbolic computation
- [Octave](#) - numerical computations, mostly matlab compatible in syntax
- [R](#) - Statistics
- Python routines like [scipy](#), [numpy](#), [matplotlib](#), [ScientificPython](#) (and more).
- [Sage](#) (Math; Installable on request, due to the size of the package)
- [Cantor](#)
- [KAlgebra](#) (graph calculator)
- [Kmplot](#) (mathematical function plotter)

Commercial (licensed) scientific software

- [IDL](#) - commercial data visualization tool / programming language
- [Mathematica](#)
- [Matlab](#)
- Comsol
- Origin
- Abaqus

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