



MAT1251 Exercises on the use of mathematical software

[15h] 2 credits

This course is taught in the 2nd semester

Teacher(s): Christian Fabry
Language: French
Level: First cycle

Aims

Be able to use mathematical software in order to solve, by numerical or symbolic computations, scientific problems from various disciplines.

Main themes

The activity will consist in training sessions for a mathematical software that the students will be invited to use for the solution of scientific problems. This work will end up by the production of a report.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisites : Courses of the first year in mathematics and physics, or equivalent..

Evaluation : The evaluation will be based on the report, and on a discussion in relation with this report.

Reference : S. Wolfram, The Mathematica Book, Wolfram Media, 1996.

Other credits in programs

PHYS12BA Deuxième année de bachelier en sciences physiques (2 credits)