

ALAN MACDONALD

Hands-on, I: Symbolic GA

Summary

This hands-on lab session will help solidify your understanding of geometric algebra and help you prepare for the summer school project. You will work on laptops, singly or in pairs.*

We will use Python's *galgebra* package. It provides *symbolic* geometric algebra and geometric calculus capabilities. Instructions for installation and use of this free software will be available on the summer school's server well before school starts.**

It is your responsibility to have *galgebra* up and running on your laptop before the summer school starts. No time will be spent during the hands-on session for this.

* The local organization will have a limited number of laptops for lending to those that do not have one.

** The package can be installed on Windows, OS and Linux systems.