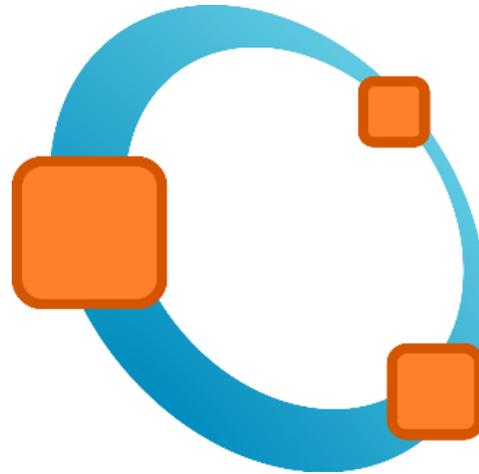


EXTRA SLIDES
left in for information
(if not using Julia instead)

OCTAVE

EEE4120F HPES



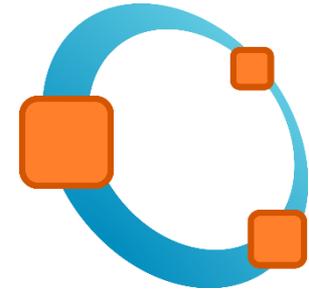
GNU OCTAVE



- OCTAVE: A Scientific Programming Language (like Matlab)
- Powerful mathematics-oriented syntax with built-in plotting and visualization
- Free software! Runs on GNU/Linux, macOS, BSD, and Windows
- Drop-in compatible with many Matlab scripts



Why OCTAVE



- Try it yourself before you judge it
- **It's a pretty amazing piece of software** considering it is fully open-source
- It has much of the **familiarity of Matlab** (so if you know Matlab you can pick up Octave quickly)
- It has **many packages** (see Octave Forge) which extends its features - much like Matlab toolboxes, and indeed Octave has forge packages that mimic, and are fully compatible, with the operation of very many Matlab equivalents.
- **Prac1:** The aim is basically to **give you a taste** to convince you that you don't necessarily need expensive licensed software to do useful work (disclaimer: of course it depends on what you want to do and how specialized your work is)