Python for physics

Python is a programming language which is increasingly being used for computation in physics.

Why is this?

- Python is easy to learn.
- Python is a modern, interpreted, object-oriented language.
- Python programs are simple, clean, easily readable.
- Python has a wide range of support packages (or program libraries) useful for numerical computation.

Contents

- Why python?
- Example code
  - A couple of simple examples
  - Larger examples
- Python in courses at UCT Physics
- Fitting