

Linear Algebra

Read the following quick sheet: Linear Algebra Explained in 4 Pages

You should be familiar with the following concepts:

- adding vectors
- matrix multiplication
- matrix inverse
- how to visualize lines and planes and hyperplanes; dot product
- systems of linear equations
- eigenvalues

Exercises

There are matrix operations exercises in the Matrix Algebra Worksheet. Print out the worksheet and complete the computations by hand. You can check your work in Python.

Place your Python code (with results in comment) in this file: `matrix_algebra.py`