

Some materials for Math 530

Colab Notebooks:

- Notebook I (Numpy library: tensors, matrices, matrix multiplication; sympy library: rank via rref; scipy.linalg library: LU decomposition)
- Notebook II (Vector and matrix norms, orthogonality of matrices and vector subspaces, QR decomposition, Linear regression)

Homework:

- HW1
- HW2
- HW3
- HW4
- HW5
- HW6
- HW7

Additional Python HW:

- Python HW5
- Python HW6

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