

An Exploration into Linear Algebra

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Idk man, I just work here

1 Basic Matrix Code

1.1 Matrix Multiplication

2 Representing Subspaces Pythonically

3 Representing Linear Mappings Pythonically

4 More Advanced Matrix Operations

4.1 Solving Homogeneous Matricies

4.2 Finding Eigenvalues and Eigenvectors Of A Matrix

4.3 Finding the Eiegendecomposition

4.4 Finding the Singular Value Decomposition