

Linear Algebra in C++

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June 20, 2024

We are implementing various Linear Algebra functionalities in C++.

1 Matrix Functionalities

- Addition and Multiplication
- Trace of a Matrix
- Transpose of a Matrix
- Determinant of a Matrix
- Inverse of a matrix
- Rank of a matrix

We are taking this more about Abstract Algebra.

$$e^{i\theta} = \cos \theta + i \sin \theta \tag{1}$$