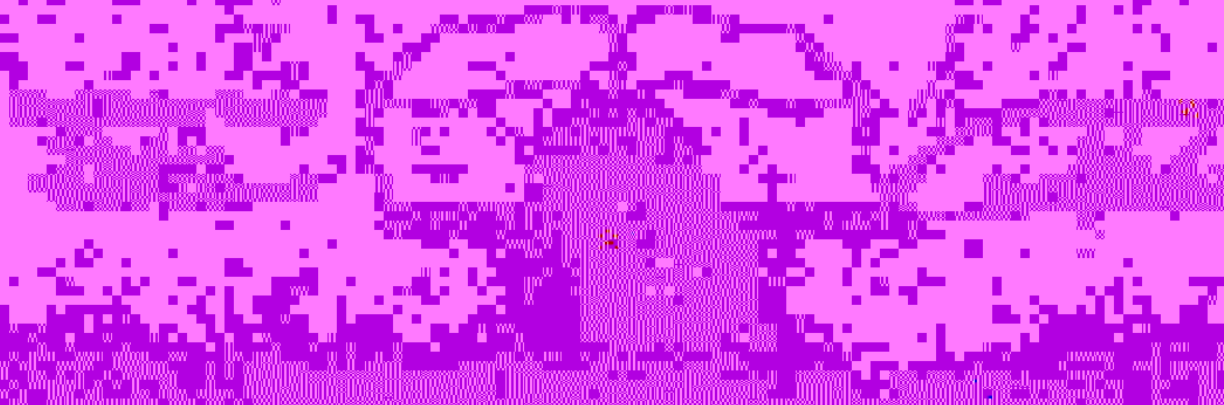


Advanced Linear Algebra

Introduction to the Course

Linear Algebra is a fundamental branch of mathematics that studies vector spaces and linear transformations. This course will explore advanced topics such as eigenvalues, eigenvectors, and the Jordan normal form.

The course is divided into several modules, each focusing on a specific aspect of the subject.



Module 1: Eigenvalues and Eigenvectors

This module covers the definition of eigenvalues and eigenvectors, and how to find them for a given matrix. It also discusses the geometric interpretation of these concepts.