1. Solving homogeneous linear systems and the nullspace

Objectives

- Determine whether a set of points is a **vector space.**
- Translate the geometric definition of **linear dependence** into an algebraic equation of vectors.
- Determine whether a set of vectors (or functions) forms a **basis** for a vector space (or subspace) by checking **span** and **linear independence.**
- Find a basis for the **nullspace** of a matrix.
- Express solutions to a **homogeneous linear system** as a linear combination of a basis for the **nullspace** of the associated matrix.

1. Solving homogeneous linear systems and the nullspace

Hide Discussion

Topic: Unit 1: Linear Algebra, Part 1 / 1. Solving homogeneous linear systems and the nullspace

Add a Post

Show all posts ▼ by recent activity ▼

There are no posts in this topic yet.

✖

Learn About Verified Certificates