

LaTeX document for LAFF class notes

Homework 1.3.1.1:

Decide if the two vectors are equal.

The vector represented geometrically in \mathbb{R}^2 by an arrow from point $(-1, 2)$ to point $(0,0)$ and the vector represented geometrically in \mathbb{R}^2 by an arrow from point $(1, -2)$ to point $(2, -1)$ are equal.

FALSE

The vector represented geometrically in \mathbb{R}^3 by an arrow from point $(1, -1, 2)$ to point $(0,0,0)$ and the vector represented geometrically in \mathbb{R}^3 by an arrow from point $(1, 2, -2)$ to point $(0, 2, -4)$ are equal.

TRUE