

Source: [KBe20math530refVectorSpace](#)

1 | Overview

Intuition

- If you have a vector list v that is a linear combination of vectors in V , or equivalently,

$$v = a_1v_1 + \dots + a_mv_m \text{ where } v_1, \dots, v_m \in V$$

- And those choices of a_1, \dots, a_m are unique, then this is a linear independence?
-