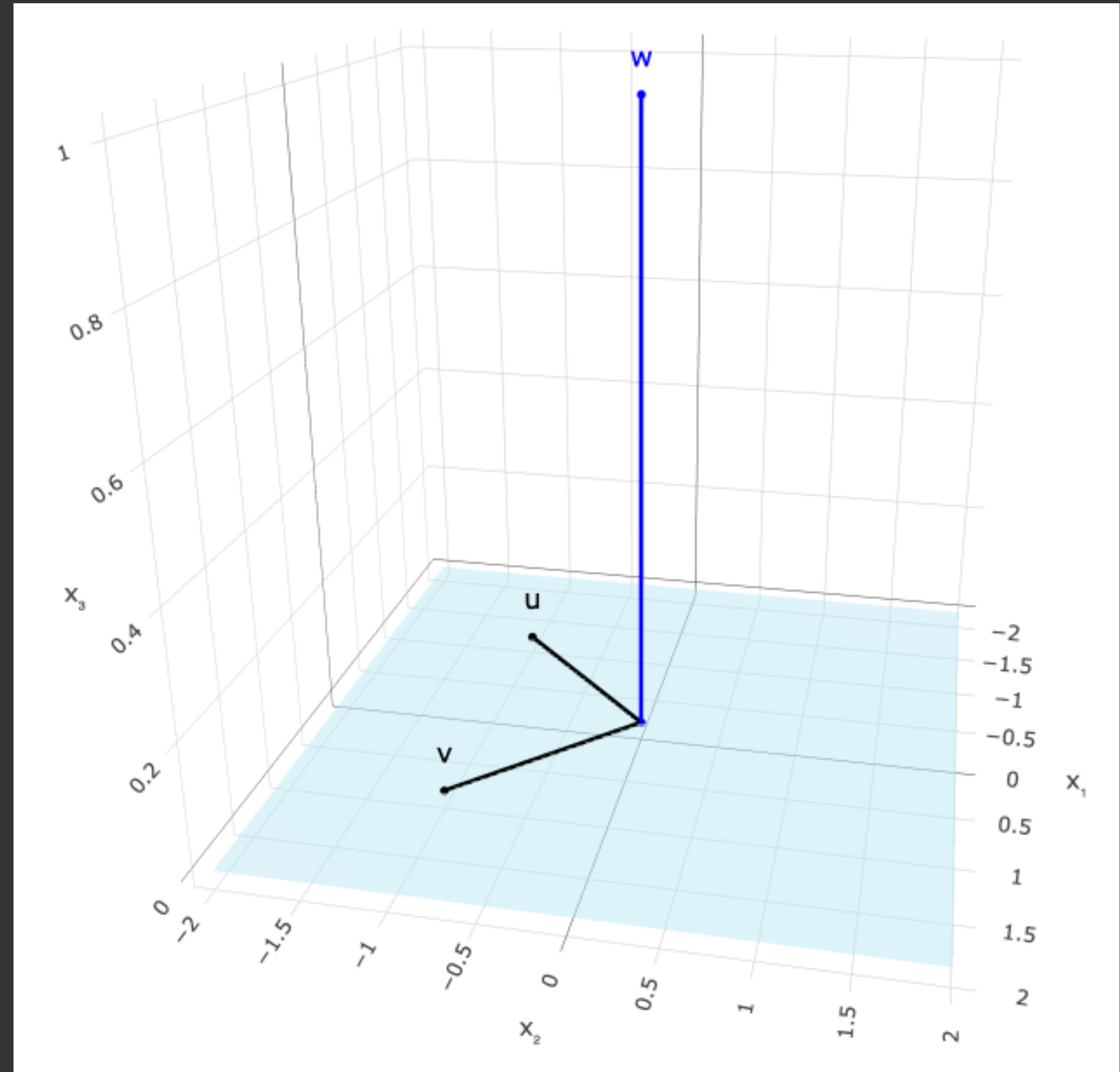


linear independence and spanning vectors

- Since \vec{w} is not in $\text{span}(\vec{u}, \vec{v})$, $(\vec{u}, \vec{v}, \vec{w})$ is linear independent.



rank