

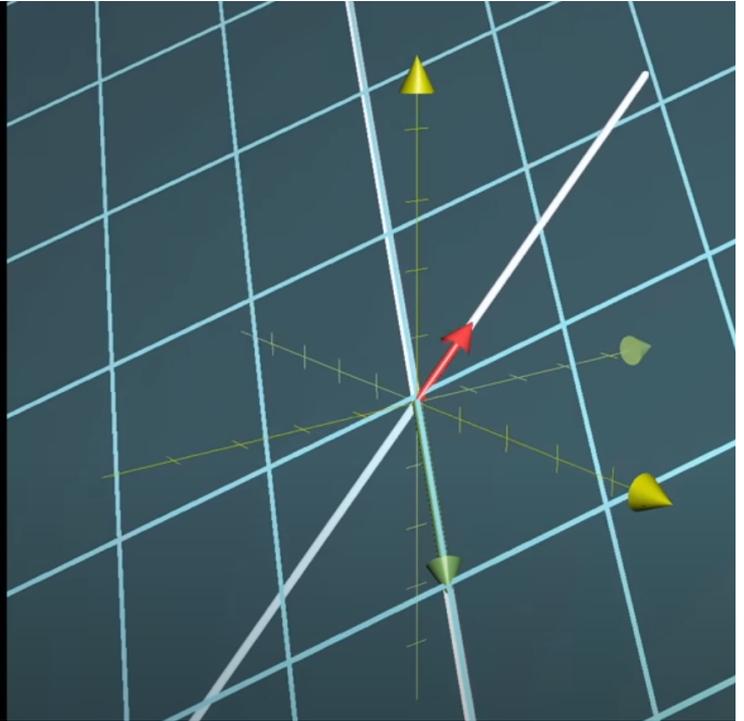
# Non-Square Matrices

$$\begin{bmatrix} 2 & 0 \\ -1 & 1 \\ -2 & 1 \end{bmatrix}$$

Span of columns



“Column space”

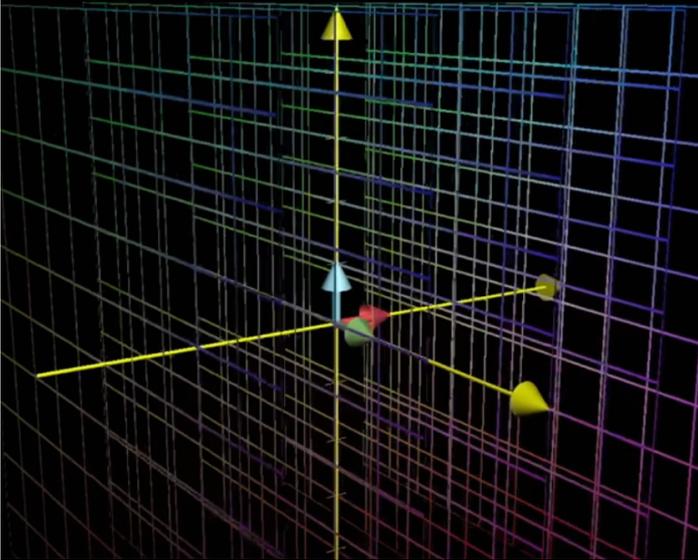


3 basis vectors

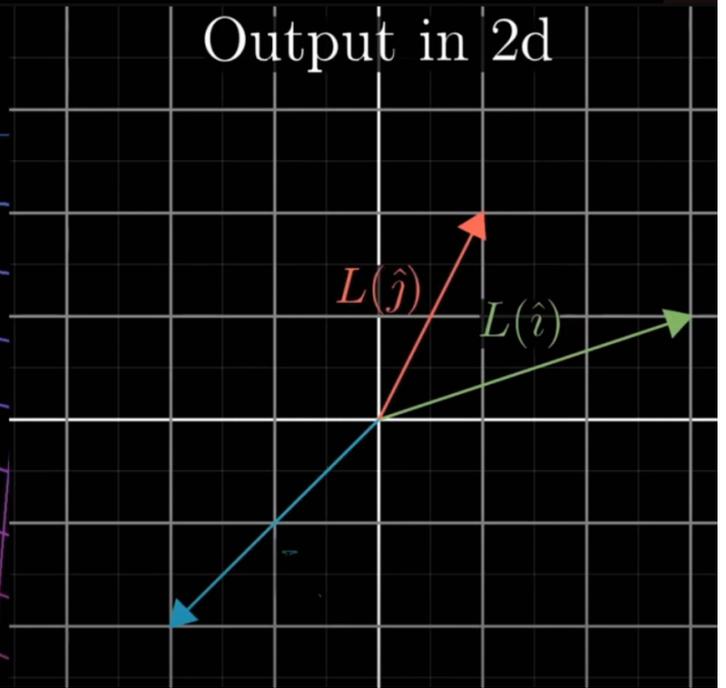
$$\left[ \begin{array}{ccc} 3 & 1 & 4 \\ 1 & 5 & 9 \end{array} \right]$$

2 coordinates for each landing spots

3d input



Output in 2d



Revision #2

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