Vector Space and REF

Given Vector Space V, then WCV is a subspace it 1. BEW 2. W1+W2 6 W if W1. W2 6 W 3. cweW it weW and CER $colA = \langle A\vec{c}' | \vec{c} \in R^n \rangle$

heck subspace

Null Space

consise of all solutions \vec{x} to $A\vec{x}' = \vec{0}$

 $|\nabla A = \langle \vec{x} | \Delta \vec{x} = \vec{0} \rangle$

RZF (Yow-echelon form) { All pilot must lie to right of any prior above it

prost column: a column exactly | pirot free column: a column with no prost

Reduced tow-echelon form (RRZF)

- 1. goe RZF
- 2, make piwoe 1
 - 3. name element above privat 0