Preclass Assignment-13

1 Griven, bias vectors.

A) Reflected across the x-axis

Apply the dinear transformation using bias vectors
hence A = [1 0]

Fundamental Spaces

- → Column Space (c) = Span of [1,0] & [0,-1]
- > Null Space (N) = Span of [0,1]
- -> Row Sperce (R) = Spen of [1,0] and [0,-1]
- > left Null Space (NT) = Span of Co]

B) Strech horizontally by a factor of 2.

it is given by $T_{0}(xy) - (2xy)$ hence, $A - \begin{bmatrix} 2 & 0 \\ 0 & 1 \end{bmatrix}$

Fundamental Spaces

> Column Space (c) = Your Space (E) = Span of [20] {[0,i]

> Mul Space (N) = left null space (NT) = span [0,0]









