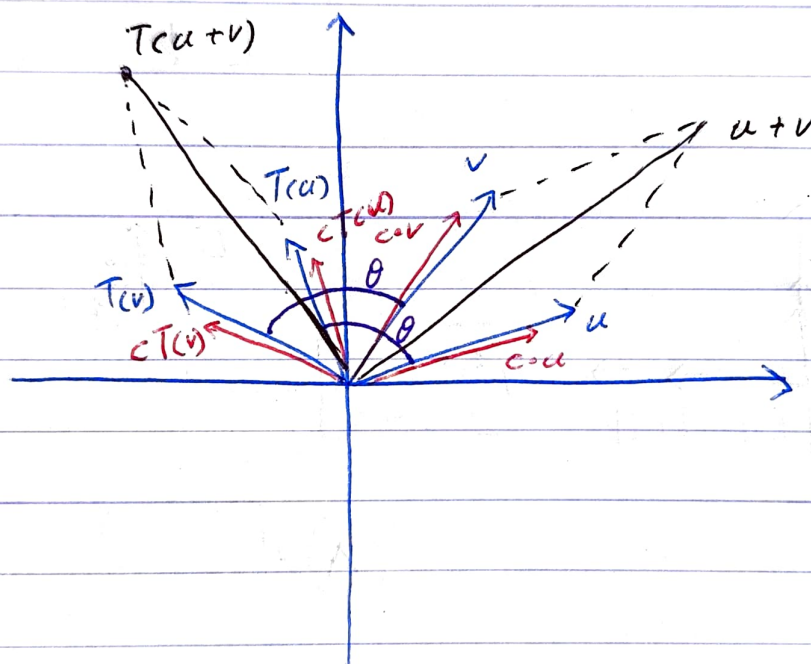
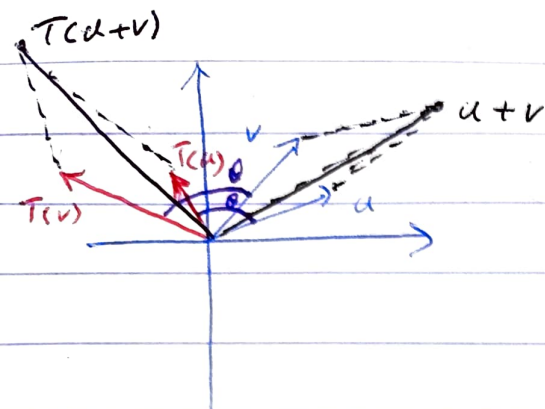


ΔΕΥΤΕΡΟ 1

Φωτογραφία

Κωδικός Κωδικός
9702339102



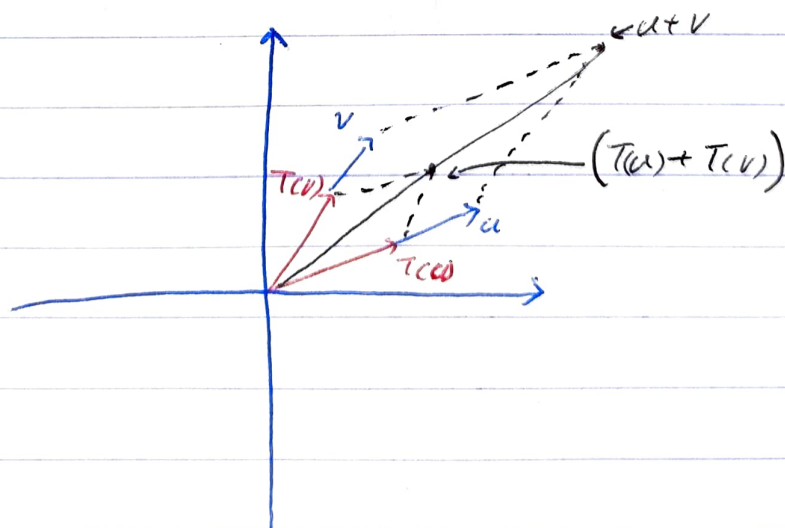
$$cT(u) = c(2u)$$

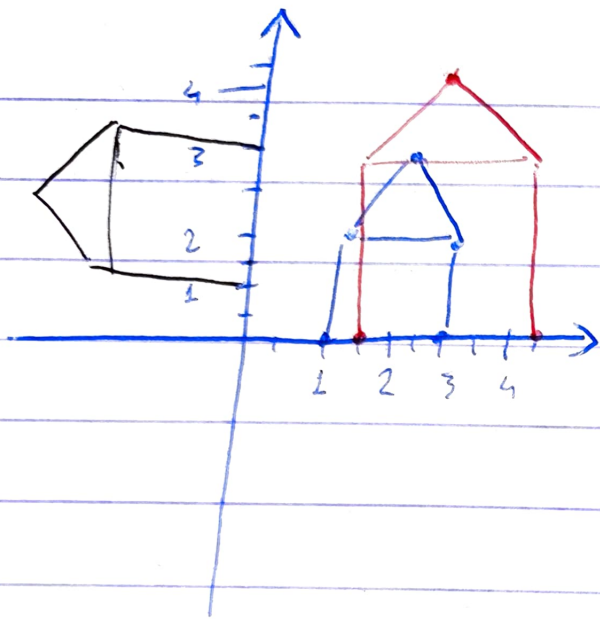
$$cT(v) = c(2v)$$

$$T(u) = \frac{1}{2} \cdot u$$

$$T(v) = \frac{1}{2} \cdot v$$

$$T(u+v) = \frac{1}{2} u + \frac{1}{2} v = T(u) + T(v)$$

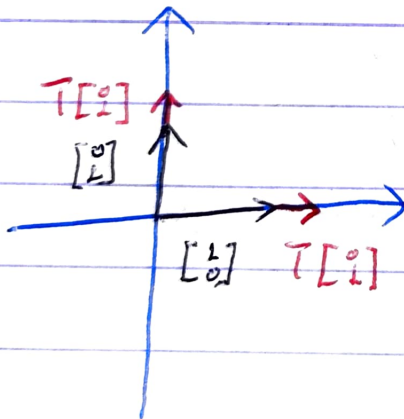




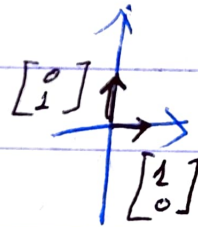
$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 3 & 1 & 3 & 2 \\ 0 & 0 & 2 & 2 & 3 \end{bmatrix}$$

2x2 2xNoninvert
(2x5)

$$A = \begin{bmatrix} 1 & 1 \\ T \begin{bmatrix} 1 \\ 0 \end{bmatrix} & T \begin{bmatrix} 0 \\ 1 \end{bmatrix} \\ 1 & 1 \end{bmatrix}$$



$$\begin{bmatrix} 1.5 & 0 \\ 0 & 1.5 \end{bmatrix}$$



$$\textcircled{A} = \begin{bmatrix} 1.5 & 4.5 & 1.5 & 4.5 & 3 \\ 0 & 0 & 3 & 3 & 4.5 \end{bmatrix}$$

$$\begin{bmatrix} 0 & -1 \\ 1 & 0 \end{bmatrix} \begin{bmatrix} 1 & 3 & 1 & 3 & 2 \\ 0 & 0 & 2 & 2 & 3 \end{bmatrix} = \textcircled{A} \begin{bmatrix} 0 & 0 & -2 & -2 & -3 \\ 1 & 3 & 1 & 3 & 2 \end{bmatrix}$$