Example

$$\rightarrow \vec{u} = (1, 0, 2, -3)$$

$$\rightarrow \vec{v} = (2, 1, 0, 0)$$

$$\rightarrow \vec{w} = (0, 0, 1, 0)$$

$$(\lambda = 2)$$
, $(3 = 3)$, $(\gamma = -1)$

$$= (2,0,4,-6) + (6,3,0,0)$$

$$+(0,0,0,0) =$$