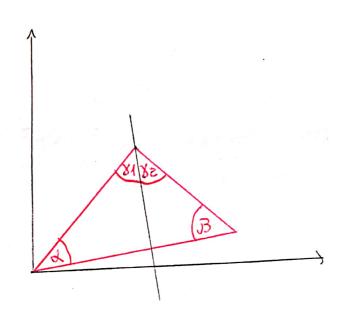
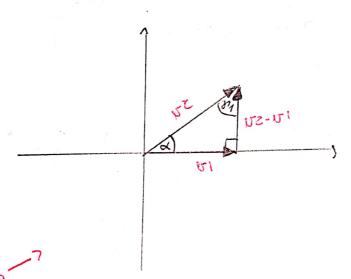
3.6)





-> (v1, v2-v1)=0 -> (v1,v2)-(v1,v1) = 0 -> (v1,v2)= ||v1||²

Cos (α) = $\langle v_1, v_2 \rangle$ = $\frac{1}{2} \frac{1}{2} \frac{1}{2}$

Pon Pitagonas:

$$Cof(h) = (ns-nii) = \frac{||ns||_{S} - (ni)|_{S}}{||ns-nii||_{S}} = \frac{||ns||_{S} - (ni)|_{S}}{||ns-nii||_{S}} > 0$$

Como cos(p1) queda um mo. Positivo -> 0 < Q1 < T/z

Si elevo miembro a miembro al auainado:

$$Cot_{S}(h) = \frac{(hsh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{S}|sh_{$$

$$= 1 - \frac{||v_1||^2}{||v_2||^2} = 1 - \cos^2(\alpha) \rightarrow \cos^2(\alpha) = Nem^2(\alpha)$$

use que

$$ver_{\mathcal{E}}(\alpha) = 1 - \cos^2(\alpha)$$

-> Cos(
$$\varphi_1$$
) = λ en(α) -> $| \varphi_1 = \frac{11}{z} - \alpha |$

de la misma mamera trabajondo con la parte denecha del tri amgulo se llegena a que (lez = II - B)

Emtonces, sumo los amgules: