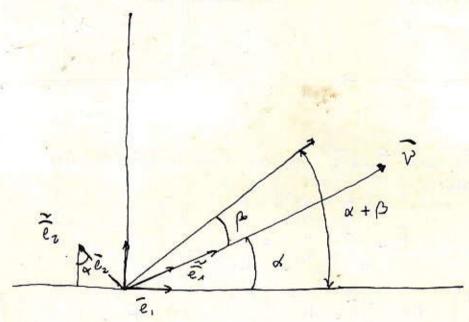
find trigonometric expression for ces (d+p) and sins (d+ps)



let's T be a vector in basis of Es, Est with comprents:

$$\overline{V} = \begin{bmatrix} \omega_1(\alpha+\beta_2) \\ \sin(\alpha+\beta_2) \end{bmatrix}$$

ler's define new basis of ex, Ez } with comprouts:

$$\tilde{e}_1 = \cos \alpha \tilde{e}_1 + \sin \alpha \tilde{e}_2$$
 | then \tilde{v} can also be written as
$$\tilde{e}_2 = -\sin \alpha \tilde{e}_1 + \cos \alpha \tilde{e}_2$$
 | $\tilde{v} = \cos \beta \tilde{e}_1 + \sin \beta \tilde{e}_2$

Then the forward transformation F is given by:

So
$$\left[\frac{\cos(\alpha+\beta)}{\sin(\alpha+\beta)} \right] = \left[\frac{\cos \alpha}{\sin \alpha} \cdot \frac{\sin \alpha}{\sin \alpha} \right] \left(\frac{\cos \beta}{\sin \beta} \right)$$
then, developping we obtain: