Prysics Sa

Vector 3 Frances

Dens Delivers

1 TENSARS

$$J' = \sum_{k=1}^{2} P_{ik} A_{k}$$

$$T' = \sum_{k=1}^{2} P_{ik} A_{k}$$

$$Z = \begin{bmatrix} cos & sin & 0 \\ -sin & cos & 0 \end{bmatrix}$$

$$T_{12} = \sum_{k,i}^{2} \sum_{l=1}^{2} Z_{1k} Z_{2l} T_{kl}$$

$$= T_{11} Z_{11} Z_{21} + T_{21} Z_{12} Z_{21} + T_{12} Z_{12} Z_{22} + T_{22} Z_{12} Z_{22}$$

$$= T_{11} Z_{11} Z_{21} + T_{21} Z_{12} Z_{21} + T_{12} Z_{12} Z_{22} + T_{22} Z_{12} Z_{22}$$

$$= T_{11} Z_{12} Z_{21} + T_{21} Z_{22} Z_{22} + T_{22} Z_{22} Z_{22} + T_{23} Z_{24} Z_{22}$$

$$T_{22} = \sum_{k=1}^{2} \sum_{k=1}$$

T' = T' = 0

T' = gir 0 (5) 0 - 100 sin 0 = 0

T' = 312 9 + 6 2 0 = 1

2. BASES OF VEGTSR SPACES

$$\beta = \frac{a-c}{2}$$

$$\beta = \frac{-b+a+c}{2}$$

$$\gamma = \frac{b-a+c}{2}$$

$$Sinh(a) = \frac{e^{\alpha} - e^{-\alpha}}{2}$$
 $Sinh(a) = \frac{e^{\alpha} + e^{-\alpha}}{2}$

$$sinh(*) = e^{x} - e^{-x}$$
 $sinh(*) = e^{x+a} - e^{-x-a}$

$$= d\left(\frac{e^{x}-e^{-x}}{2}\right) + B\left(\frac{e^{x+x}-e^{-x-a}}{2}\right)$$

= -dsinh(x)-Bsinh(x+a)

$$x = d \sinh(-x) + \beta = i \ln \left(-x + \frac{1}{2}\right) + \beta = x + \frac{1}{2} + \frac{1}{$$

$$\frac{\sinh(x)}{\sinh(x)} = \frac{\sinh(x+a)}{\sinh(x)} = \frac{e^{-x}}{\sinh(x)}$$

$$\frac{\sinh(x)}{\sinh(x+a)} = \frac{e^{-x}}{\sinh(x+a)}$$

$$\frac{\sinh(x+a)}{\sinh(x+a)} = \frac{e^{-x}}{\sinh(x+a)}$$

$$sinh(x) - sinh(x+a)$$

$$\frac{1}{sinh(x+a)}$$

$$\frac{1}{sinh(x+a)}$$

$$\frac{2\pi i \pi(\pi)}{2\pi i \pi(\pi)} = \frac{\pi}{2\pi i \pi} = \frac{\pi}{$$

$$\frac{\pi_{1} \cdot \begin{pmatrix} 1 \\ -1 \end{pmatrix}}{\pi_{1}} = \frac{\pi_{2} \cdot \begin{pmatrix} 1 \\ -1 \end{pmatrix}}{\pi_{2}} = \frac{\pi_{2} \cdot \begin{pmatrix} 1 \\ -1 \end{pmatrix}}{\pi_{1}} = \frac{\pi_{2} \cdot \begin{pmatrix} 1 \\ -1 \end{pmatrix}}{\pi_{1}}$$

Inil - 1/2

~ = (-7/50 -7/50 -7/50