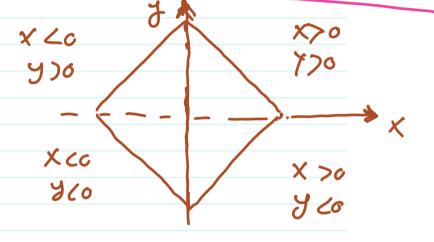
$$d = \int (x - x_0)^r + (y - y_0)^r$$

$$- 1 = \int x^r + y^r$$

$$x \in [-1, 1]$$

$$y = \sqrt{1 - x^r}$$

$$y = \sqrt{1 - x^r}$$



$$\begin{cases} x>0 & : & x+y=1 \\ y>0 & : \end{cases}$$

6 part d

$$X \in \mathbb{R}^{n \times d} \longrightarrow \mathbb{C} \in \mathbb{R}^{d \times d} \longrightarrow \mathbb{C}^{-1} = \mathbb{C}$$

Find e-vectors of  $\mathbb{C}$   $V_1, V_2, \dots V_d$ 

$$V = [V_1, V_2, \dots V_d]$$

$$\frac{c}{c} = \begin{bmatrix} e_1 \\ e_2 \\ \vdots \\ e_n \end{bmatrix} \rightarrow RSS = e^T \cdot e$$

