$$||X_{\hat{i}}, X_{\hat{j}}||_{2} = ||X_{\lambda}||_{2} =$$

$$E(X_{\overline{i}}, X_{\overline{j}})$$

$$= \sqrt{|X_{\overline{i}} - X_{\overline{j}}||^{2}}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{j}}||^{2} - ||X_{\overline{i}}||^{2}}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{j}}||^{2} - ||X_{\overline{i}}||^{2}}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{j}}||^{2} - ||X_{\overline{i}}||^{2}}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{j}}||^{2}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{i}}||^{2}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{i}}||^{2}} + ||X_{\overline{i}}||^{2}}$$

$$= \sqrt{|X_{\overline{i}}||^{2}} + ||X_{\overline{i}}||^{2}} +$$

 $E(X_{\overline{i}}, X_{\overline{j}}) = \sqrt{2 \cdot C(X_{ij}, X_{\overline{j}})}$ $L_1 > L_2 = > E_1 > E_2$

X = \langle DT \langle $\chi^{7}\chi^{7} = (D+I)\chi(D+I)$ $\gamma(\chi^{T}\chi) < D+1$ ~ m / / / / / /

 $\frac{1}{2} = \frac{1}{2} = \frac{1}$

Wo - Commin

 $\frac{1}{2} \left(\frac{1}{2} \left$ $\frac{1}{1}$ \mathcal{N} $\frac{1}{1}$ $\frac{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $-1/\chi W = 0$ $\sqrt{2}$ $\frac{1}{2} \times \times = 0$

V n ' ' ' U | + // , | (1,1,1) X 7 / / - /)

 $Nox = \frac{1}{N}IM$ 2 (M- MoJN)?

J (M - M > Ja) $\geq M_2$ (M2, 1) - 21 [M - Wo]w)

Wet = We t Jixz Wet = Wet + Mist Wet MOPT

= NE WOFT + Uz Xi WOPT WOPT 51M (MpT X2)=1

Sixi Wort - Xi Wort - XT WAXT WETI WOPT - WET MART $\left(\begin{array}{c} T \\ \end{array} \right)$

> VIIWATI (WOFT X) i [[Wort] Wexl = Wet Jox [[Wht] [] = (, Nx+ Mixi) (M.

- (\lambda \times \tim - [[Well + ZMWRXZ + 12 X2 X2 < 11 WR11 +1

NR-1 WOPT > WE WOFT + CII Most // West all West III YM () WOPT (/ $||W_{k+1}|| > \gamma M$ 11Wk+1112