Point O. It also said that

Is greater than o or positive.

and V(x) = 0, the measure V(x) = 0the divergence between u and v is infinitive (∞) .

We Know that

$$KL(\pi | u_n) = \sum_{X \in SupP(\pi)} \frac{(\pi_{n(x)})}{U_{n(x)}}$$

$$= \sum_{X \in So_{1}} \frac{\partial_{o}(x)}{\partial_{o}(x)} \frac{(\partial_{o}(x))}{U_{n(x)}}$$

$$= \frac{\partial_{o}(x)}{\partial_{o}(x)} \frac{\partial_{o}(x)}{\partial_{o}(x)}$$

So, the redivergence KL(Trun) does not converge to Tile. does not converge to Deep not converge

Again,

KL
$$(\pi|V_n) = \sum_{\chi \in Supp(\frac{\pi}{N})} \pi(\chi)$$

$$= \sum_{\chi \in Supp(\frac{\pi}{N})} \pi(\chi) \log \left(\frac{3o(\chi)}{v_n(\chi)}\right)$$

$$= \sum_{\chi \in Supp(\chi)} \pi(\chi) \log \left(\frac{3o(\chi)}{v_n(\chi)}\right)$$

$$= \sum_{\chi \in S$$

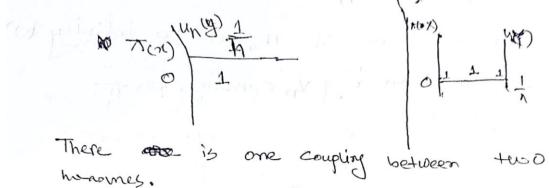
If the values of n goes to then

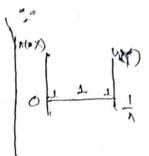
I of (n) goes to zero, so, we can say,

If n goes to infinity vn converge to

T.

was Trand Un.





he somes.

". Wasserstien-2 distance

$$W(T) = \sqrt{1 + (\frac{1}{n} - 0)^2}$$

$$= \sqrt{\frac{1}{n}}$$

$$= 0 \quad \text{If an value of } n \text{ goes}$$

$$+ 0 \quad \text{indivitive}(0)$$

So, we can say, un converges to T.

1 (x) (x) (x)

· W(T) = V(1-h) (0-0) + h (1-0) = 0 If n goes to infinity (s) So, we can say in converge to to.