TALLERS

HT1

(3) (u,0), LE E

(4, v-v), u, v e E

(4,15)-(4, NT) = 0

:. (u,0)=0, UEE

4

1

E# E#

 $(a,b) = a_1b_1 - a_1b_2 - a_2b_1 + Ka_2b_2$

linealidad > (a,b+c) = a,(b,+c,) - a, (bz+cz)

- Oz (b, + c,)+ Kaz(bztcz)

= (a,b,-a,bz-a,b,tkaebz)

1 (a,c,-a,cz-azc,+ kazcz)

= (a,b) + (a,c).0

Sinetara - trivial

$$(9,9) = 0.7 - 20.02 + kaz^{2}$$

1

 $k=1$
 4×21

$$|p(x,y)-p(x,u)| \leq p(u,y)$$

$$= p(x,y) \leq p(x,y) \leq p(x,y)$$

$$p(x,y) \leq p(u,y) + p(x,w)$$

 $p(x,y) - p(x,w) \leq p(w,y)$

(0) 11: C(a,b) -> 1R for 1 max [a,b] [f(x)] Son'. Pos. >> 11401/20 7 1170/1=0 (=) f(x) =0(x) hiviel Others 11 comend O= max | f(x) => J(x) =(0(x) 17 f(x) = 12 | f(x)) Honogeneidad Des. triangular -> // L(x) +9 (x) / = max / J(x) +9 (x) < max / dix) / + - =x (9 W)

8)
$$p(n,m) = \begin{cases} 0, m=n \\ 1+\frac{1}{n+m}, m\neq n \end{cases}$$
 $Sinoha \rightarrow p(m,n) = p(n,m)$
 $J.7. \rightarrow p(n,n) = 0$
 $Sani, Pos. \rightarrow p(n,m) \leq p(n,l) + p(l,n)$
 $I+\frac{1}{n+m}$
 $I+\frac{1}{n+m} + I+\frac{1}{n+m}$
 $I+\frac{1}{n+m} + I+\frac{1}{n+m}$
 $I+\frac{1}{n+m} + I+\frac{1}{n+m}$
 $I+\frac{1}{n+m} + I+\frac{1}{n+m}$
 $I+\frac{1}{n+m} + I+\frac{1}{n+m}$

$$\delta_{xy} = \rho(x,y) = \begin{cases} 0 & x=y \\ 1 & x \neq y \end{cases}$$
 Pirareta