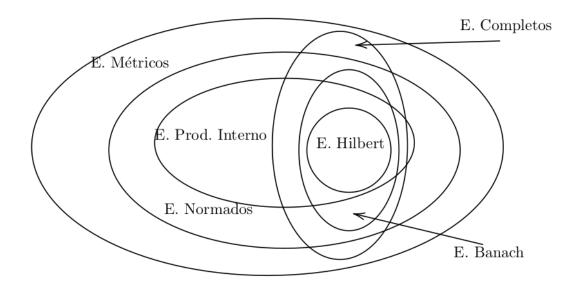
TAUFR 1

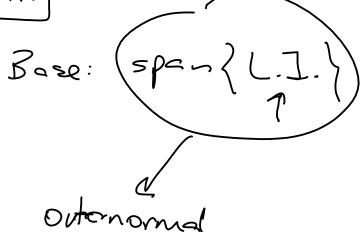


Independences lineal:

D= a,v, +... + anus

0:0

S pan)



Proceso de ort. gram-Samidt



$$e_{i} = \frac{v_{i} - \langle v_{i}, e_{i} \rangle e_{i} - \dots - \langle v_{i}, e_{i-i} \rangle e_{i-i}}{1}$$

$$\chi = \sum_{i=1}^{N} C_i e_i$$

$$i=1$$

$$\sum_{i=1}^{N} C_i = \langle e_i, x \rangle$$

$$\downarrow coef. \ \downarrow e$$

$$\downarrow coviev.$$

7=0,2,++ an en

$$\langle \chi, e_{\frac{1}{2}} \rangle = \langle \chi, e_{i} \rangle + \langle \chi, e_{i} \rangle$$

(v, m) -3 (v+w, n) & ses quilineal. = (v, n) + (u, n)

Espacios lineabs —> Espacio euclideo. P.J.