TALLER 9 (Park 2)

4112-1

2 - d [pd] + q ; ulv-vlu=[p(uv-vu)]

4[Pv+ pv+qv]-+[P'N+PW+qv]

Espectro de T es { \(\sigma \) \(\sigma \)

A,B -> [A,B] = AB-BA

[A,B] = O = [A,A+] = A+ A+A=O

us imertible.

HT4-Z)

11A1 > M > 11A1 < M

1 x A, 6 > 1 que =: PM

Por cauchy-Schwarz.

](z, Ax)] \ [[X] ||Ax| \ \ [|A|| \ \ \]
1

M = 1/411 $y = \frac{A\pi}{|A\pi|} \rightarrow |\langle y, A\pi \rangle| = |\langle \frac{A\pi}{|A\pi|}, A\pi \rangle| = |\langle A\pi \rangle|$ //A//=//AsAt = (ac) | transpueta $\triangle^* = \begin{pmatrix} \overline{C} & \overline{b} \\ \overline{C} & \overline{J} \end{pmatrix} A^{\dagger} = \begin{pmatrix} \overline{a} & \overline{c} \\ \overline{b} & \overline{a} \end{pmatrix} \rightarrow transpured a conjugada$ A^{\dagger} adjunta