TAM. 14, V/ < 1/U1/11V1) Pr (UtdV, UtdV) $= ||U||^2 + 2(U, V) \times t \times^2 ||U||^2 > 0$ $\Rightarrow D = (u_1 v)^2 - ||u||^2 ||v||^2 \le 0$ $\Rightarrow ||u|| ||v|| \Rightarrow |(u, v)|$ Thm 114+V11 = 1/4/1+1/0/1 Def. The distance du, w between vectors u and v in IR" is defined by d(u,V) = ||u-V|| $U = \begin{bmatrix} \sqrt{2} \\ 1 \end{bmatrix} \quad |V = \begin{bmatrix} 0 \\ 2 \\ -2 \end{bmatrix}$ d(U,V)= \(\sigma^2 + \varphi^2 + \varphi^2 = \varphi A = 2