$$A = \begin{bmatrix} 1 & 1 \\ 1 & 2 \end{bmatrix} \quad C = \begin{bmatrix} 5 & 1 \\ 2 & 1 \end{bmatrix}$$

2

$$-\sum (m_i, m_i) \qquad (-\infty)$$

3

 $||u|| = ||u-x|| + |x|| \le ||u-x|| + ||x|||$

1 all - 11 x 11 & 11 a-x11

(| x 1 = 1 (x-a) + w1 = 1 | x-w1 + 1 | u1)

11u1-11x11 > -11u711

(| u | - | x | = | | u - x | |

 $\frac{1}{2}$ $\frac{1}$

| 11 ull - 11 vil = 1/utvil