

$$\|A\|_{\infty} = 1.2469 + 0.8648 = 2.167$$

$$\|A^{-1}\|_{\infty} \approx 1.513 \times 10^8$$

FROM ATTACHED CODE 'G.PY'

$$\text{COND}_{\infty}(A) = \|A\|_{\infty} \cdot \|A^{-1}\|_{\infty}$$

$$\approx (2.167) \cdot (1.513 \times 10^8)$$

$$\approx \boxed{3.279 \times 10^8}$$