

EX.2.3.2.b2c, Sauer3

Find the infinity norm condition number of

$$(b) \quad A = \begin{pmatrix} 1 & 2.01 \\ 3 & 6 \end{pmatrix} \quad (c) \quad A = \begin{pmatrix} 6 & 3 \\ 4 & 2 \end{pmatrix}$$