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EX.2.3.2.b2c, Sauer3

Find the infinity norm condition number of

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