

ITM426. Engineering Math

Short Quiz 1, 2025F, Weighting of 5%

Solution

Name: []

#1. Find the reduced echelon fom of the following matrix. [5pt]

$$A = \begin{pmatrix} 0 & -3 & -6 & 4 & 9 \\ -1 & -2 & -1 & 3 & 1 \\ -2 & -3 & 0 & 3 & -1 \\ 1 & 4 & 5 & -9 & -7 \end{pmatrix} \quad (1)$$

$$A = \begin{pmatrix} 1 & 0 & -3 & 0 & 5 \\ 0 & 1 & 2 & 0 & -3 \\ 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 \end{pmatrix} \quad (2)$$

Difficulty: Easy

Amount of work: 100%