

Jan 2022

Q1. Let A be a 3×2 non-zero real matrix.

The minimum value of $\text{rank}(A)$ is _____.

Sept 2023

Q2. Let $W = \{(x, y, z) : x + 2y - z = 0\}$

Which of the following is a basis β for W ?

Options :

- A. $\{(1, 0, -1), (0, 1, 2)\}$
- B. $\{(1, 0, 1), (0, 1, 2)\}$
- C. $\{(1, 0, 1), (0, 1, 1)\}$
- D. $\{(-1, 0, -1), (0, 2, 1)\}$

