

Jan 2023

Q1. Which of the following options is/are true?

Options :

- A. If the rows of a 3×4 matrix A are linearly independent, then AA^T is an invertible matrix.
- B. If the columns of a 4×3 matrix A are linearly independent, then A^TA is an invertible matrix.
- C. If the rows of a 3×4 matrix A are linearly independent, then A^TA is an invertible matrix.
- D. If the columns of a 4×3 matrix A are linearly independent, then AA^T is an invertible matrix.