

Presentation Question(s) for the Exam

MATH 270

- (1) In an example of a non-triangular 3×3 matrix A show that $[\text{adj}(A)]^{-1} = \frac{1}{\det(A)} A = \text{adj}(A^{-1})$

Do NOT use examples and exercises from the textbook and Study Guide.

- (2) Construct a 3×3 non-triangular matrix, which has three distinct eigenvalues. Determine eigenvalues and corresponding eigenvectors.

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