

MS-A0001 - Matrix Algebra, 26.10.2020-08.12.2020

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Started on	Tuesday, 8 December 2020, 8:41 AM
State	Finished
Completed on	Tuesday, 8 December 2020, 8:41 AM
Time taken	17 secs
Grade	2.00 out of 3.00 (66.67%)

Quiz navigation



Finish review

Question 1

Flag question Mark 1.00 out of 1.00 Correct

$$A = \begin{pmatrix} 2 & -1 \\ -1 & 2 \end{pmatrix}$$

Find det(A).

Select one or more:

- ☐ a. 0
- ☐ b. 5
- ☒ c. 3 OK

Your answer is correct.
The correct answer is: 3

Question 2

Flag question Mark 1.00 out of 1.00 Correct

$$A = \begin{pmatrix} 2 & -1 & 0 \\ -1 & 2 & -1 \\ 0 & -1 & 2 \end{pmatrix}$$

Find Det(A).

Select one or more:

- ☒ a. 4 OK
- ☐ b. 3
- ☐ c. 0

Your answer is correct.
The correct answer is: 4

Question 3

Flag question Mark 0.00 out of 1.00 Incorrect

Let $\mathbf{a} = \mathbf{i} + \mathbf{j}$ and $\mathbf{b} = 2\mathbf{i} + 3\mathbf{j} + 4\mathbf{k}$. What is the cross product $\mathbf{a} \times \mathbf{b}$?

Select one or more:

- ☐ a. 0
- ☒ b. $4\mathbf{i} - 4\mathbf{j} + \mathbf{k}$ OK
- ☐ c. $4\mathbf{i} - 4\mathbf{j}$

Your answer is incorrect.
The correct answers are: 0, $4\mathbf{i} - 4\mathbf{j} + \mathbf{k}$

Finish review

◀ Lecture 8 (Activation quiz)

Lecture 10 (Activation Quiz) ▶



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