

MS-A0001 - Matrix Algebra, 26.10.2020-08.12.2020

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MS-A0001 - Matrix Algebra, 26.10.2020-08.12.2020

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Started on	Thursday, 29 October 2020, 1:05 PM
State	Finished
Completed on	Thursday, 29 October 2020, 2:14 PM
Time taken	1 hour 8 mins
Grade	3.00 out of 3.00 (100%)

Quiz navigation

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✓

2

✓

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✓

Finish review

Question 1

Flag question

Mark 1.00 out of 1.00

Correct

Let $a = \begin{pmatrix} 1 & 2 & 3 \end{pmatrix}^T$ and $b = \begin{pmatrix} 3 & 0 & -1 \end{pmatrix}^T$. Calculate $a^T b$.

Select one or more:

- ☐ a. 1
- ☒ b. 0 ✓
- ☐ c. $\sqrt{2}$

Your answer is correct.

The correct answer is: 0

Question 2

Flag question

Mark 1.00 out of 1.00

Correct

What is $x + 2y + 3z = 4$?

Select one or more:

- ☐ a. A bird
- ☐ b. Superman
- ☒ c. A plane ✓

Your answer is correct.

The correct answer is: A plane

Question 3

Flag question

Mark 1.00 out of 1.00

Correct

Let a plane be defined by $\text{span}(\{ \begin{pmatrix} 1 & -1 \end{pmatrix}^T, \begin{pmatrix} 0 & 2 \end{pmatrix}^T \})$. Does the point $(1, 1)$ lie on that plane?

Select one or more:

- ☒ a. Yes ✓
- ☐ b. No

Your answer is correct.

The correct answer is: Yes

Finish review

◀ MATLAB OnRamp

Lecture 2 (Activation Quiz) ▶



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