1 درجات	حفظ الإجابة

If A, B, and C are matrices, k is a scalars , then

$$(A + kB)^T + C = A^T + k(B^T + C)$$

○ صواب

خطأ ○

قال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

حفظ الإجابة   1 درجات

If A, B, and C are matrices, k and h are scalars , then

$$h(A+B)+(kC)^T = hA + (B+kC^T)$$

○ صواب

◉ خطأ

If A and B are matrices, k is a scalar, then

$$(k B^T) A^T = k (A B)^T$$

○ صواب

○ خطأ

1 درجات   حفظ الإجابة

If A, B, and C are matrices, k and h are scalars , then
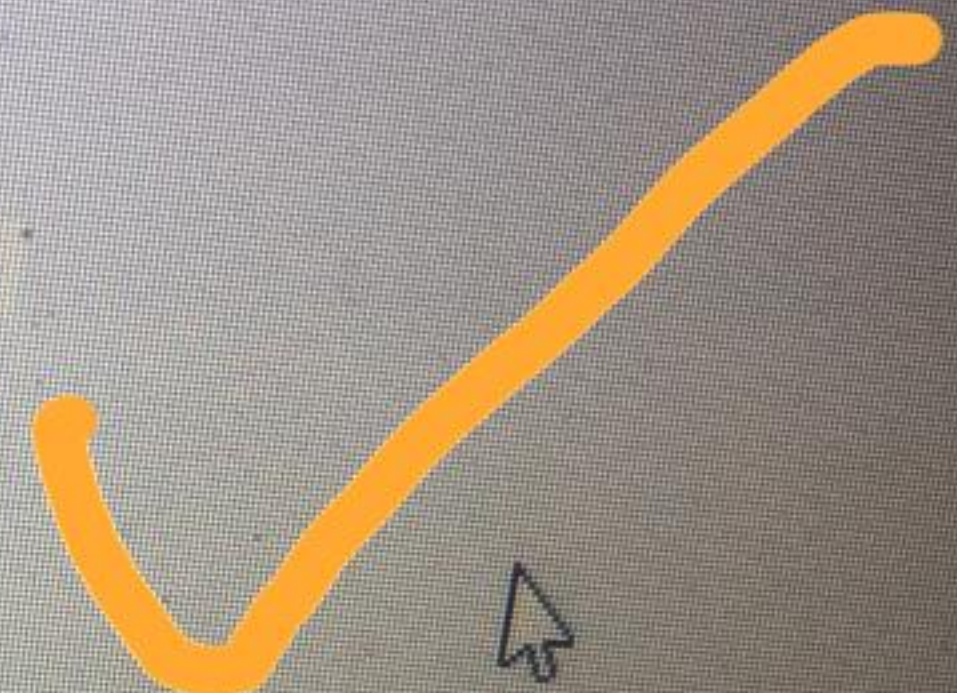
$$h(A+B)+(kC)^T = hA+(hB+kC^T)$$

Question 1

If A and B are matrices, k is a scalar, then

$$(kB^T)A^T = k(AB)^T$$

Question 2

Using the following elementary row operation

$-3R_1 + R_3 \rightarrow R_3$

1 درجات   حفظ الإجابة

If A and B are matrices, k and h are scalars , then

$$(kh)AB = (kA)(hB)$$

Question 3

If A and B are matrices, then

$$(A+B)^2 = A^2 + B^2 + 2AB$$

X

- ○ True
- ○ False

then $-2A + 3B = \begin{bmatrix} 4 & 8 & 1 \\ 1 & 3 & -4 \end{bmatrix}$

---

0 درجة من 1 درجة

If A, B, and C are m × n matrices, and O is the m × n zero matrix , then

$$(0 + A) + (B - C) = (A + 0) + (B - C)$$

النسبت T1 صفر، 7141 17:13:13 م ZSA

If A, B, and C are matrices, k and h are scalars, then

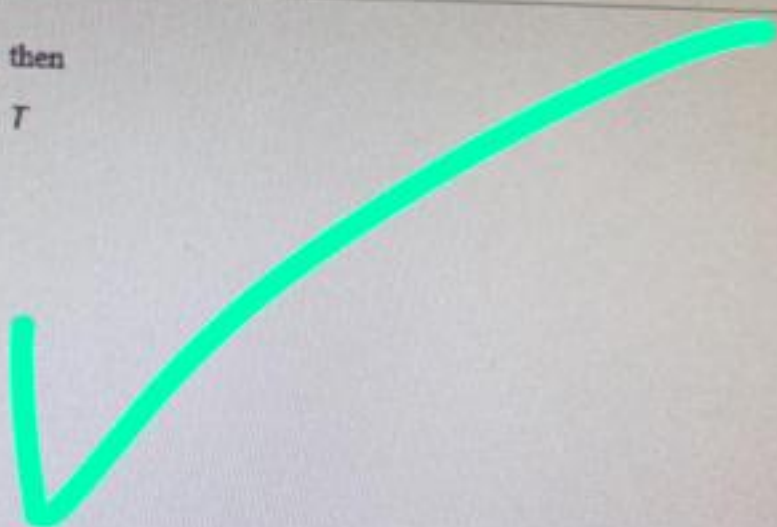$$(kh)(A + B)^T C^T = (kh)C^T A^T + C^T(khB)^T$$

○ True
○ False

If A and B are matrices, k is a scalar, then

$$(k B^T) A^T = k (A B)^T$$

حفظ وإرسال
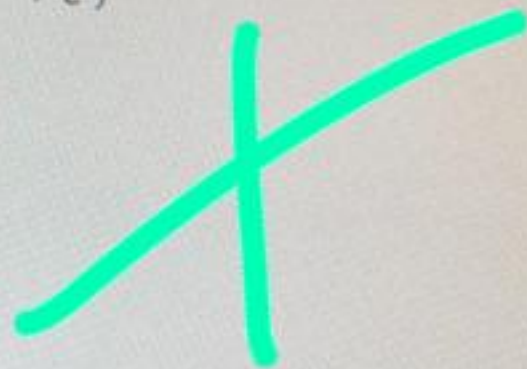
1 درجات | حفظ الإجابة

If A, B, and C are matrices, k is a scalars , then

$$(A + kB)^T + C = A^T + k(B^T + C)$$

Type here to search

If A and B are matrices , then

$$A^T B^T = (AB)^T$$

السؤال 4

1 درجات	حفظ الإجابة

If A and B are matrices, then

$$(A - B)^2 = A^2 - B^2$$

⚪ صواب

خطأ

Instructions

Timed Test   This test has a time limit of 30 minutes. This test will save and submit autom.
Warnings appear when **half the time, 5 minutes, 1 minute**, and **30 second**

Multiple Attempts This test allows 2 attempts. This is attempt number 1.

Force Completion This test can be saved and resumed at any point until time has expired. The
This test does not allow backtracking. Changes to the answer after submissi

Remaining Time: 23 minutes, 07 seconds.

⌄ **Question Completion Status:**

⚠ Moving to the next question prevents changes to this answer.

Question 2

If A, B, and C are matrices, k and h are scalars , then

$$h(A + B) + (kC)^T = hA + (hB + kC^T)$$

🔘 True
⚪ False

⚠ Moving to the next question prevents changes to this answer.