

Answer on Question #59151 – Math – Linear Algebra

Question

A dot product is said to be distributive, if \hat{A} ...

Solution

A dot product is said to be distributive, if for any $\hat{A}, \hat{B}, \hat{C}$

$$\hat{A} \cdot (\hat{B} + \hat{C}) = \hat{A} \cdot \hat{B} + \hat{A} \cdot \hat{C}.$$