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sandipan_dey >

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☆ Course / Unit 2: Geometry of Derivati... / Lecture 5: Finding vectors normal to level cur...



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44:09:17







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Practice

How does $(2\vec{v}) \cdot (2\vec{w})$ compare to $\vec{v} \cdot \vec{w}$?

(Select your answer in the poll below.)

POLL

It is equal to:

RESULTS

[mathjaxinline]2(\vec{v}\cdot \vec{w})[/mathjaxinline] 12%

[mathjaxinline]4(\vec{v}\cdot \vec{w})[/mathjaxinline] **87**%

I do not know how to think about this yet 1%

Submit

Results gathered from 580 respondents.

FEEDBACK

Your response has been recorded

Algebra warmup problem solution



0:00 / 0:00 ▶ 2.0x X CC 66 Start of transcript. Skip to the end.

PROFESSOR: A first warm-up question

is about the algebra of dot products.

And it goes like this.

If I take the vector 2v and I take the dot product

with the vector 2w, how does that compare with v dot w?

So here are a couple of choices, is that 2 times v dot w,

or in that 1 times 4 dat 42

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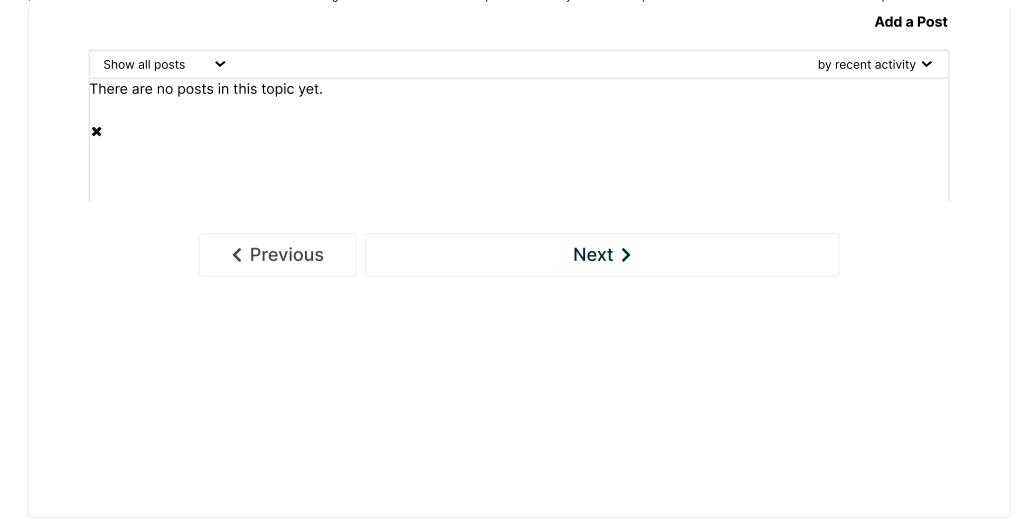
8. Warm up 1

Topic: Unit 2: Geometry of Derivatives / 8. Warm up 1



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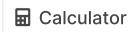














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