You are taking "Exam (Timed, No Correctness Feedback)" as a timed exam. Show more

End My Exam 44:09:17

8. Warm up 1

Bookmark this page

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

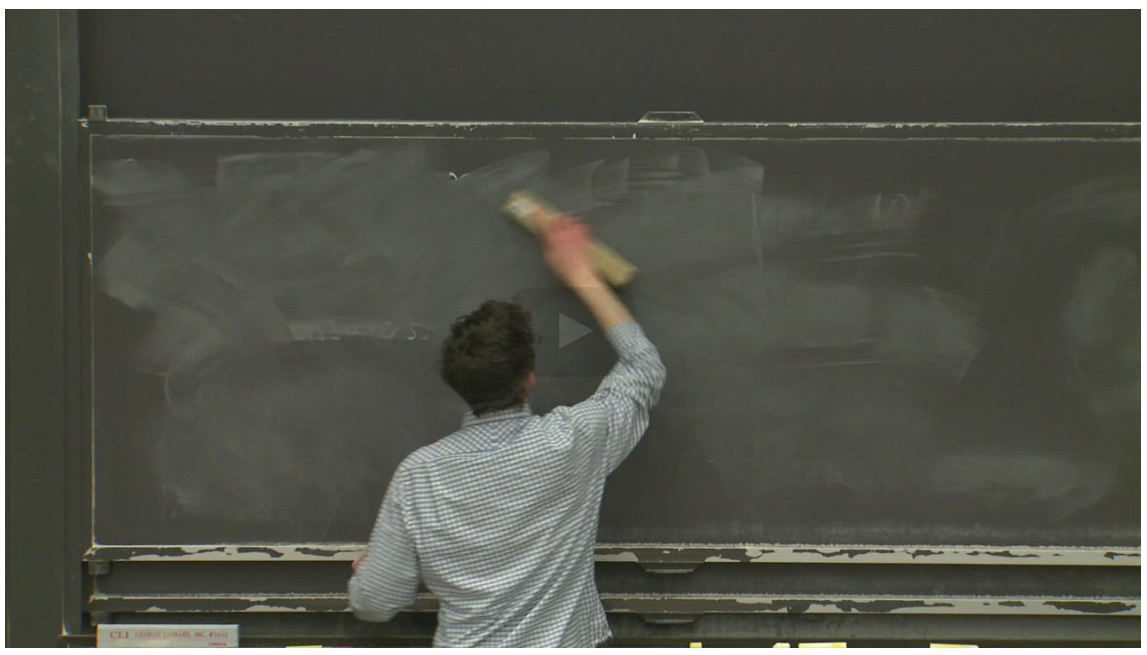
○	**[mathjaxinline]2(\vec{v}\cdot \vec{w})[/mathjaxinline]**	**12%**
◉	**[mathjaxinline]4(\vec{v}\cdot \vec{w})[/mathjaxinline]**	**87%**
○	**I do not know how to think about this yet**	**1%**

Submit

Results gathered from 580 respondents.

FEEDBACK
Your response has been recorded

Algebra warmup problem solution



0:00 / 0:00 2.0x

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 is that 4 times v dot w?

Video
Download video file

Transcripts
Download SubRip (.srt) file
Download Text (.txt) file

8. Warm up 1

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

Hide Discussion

Calculator Hide Notes

Add a Post

Show all posts by recent activity

There are no posts in this topic yet.

✖

‹ Previous Next ›

Calculator Hide Notes