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sandipan_dey ~

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☆ Course / Unit 2: Geometry of Derivatives / Recitation 6: Structured worked example



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Recitation due Aug 18, 2021 20:30 IST Completed



Review

5.

1.0/1 point (graded)

Suppose that $ec{v}$ and $ec{w}$ are parallel, and $|ec{v}|=3$ and $|ec{w}|=5$. Find $ec{v}\cdotec{w}$.

15

✓ Answer: 15

Submit

You have used 1 of 15 attempts

1 Answers are displayed within the problem

6.

1/1 point (graded)

Suppose that f(1,1)=2 and $|\nabla f(1,1)|=3$. Suppose that the vector $\langle \Delta x, \Delta y \rangle$ is parallel to $\nabla f(1,1)$ and has length .01. What is the most reasonable estimate for $f(1+\Delta x,1+\Delta y)$?

2.03

✓ Answer: 2.03

Submit

You have used 1 of 15 attempts

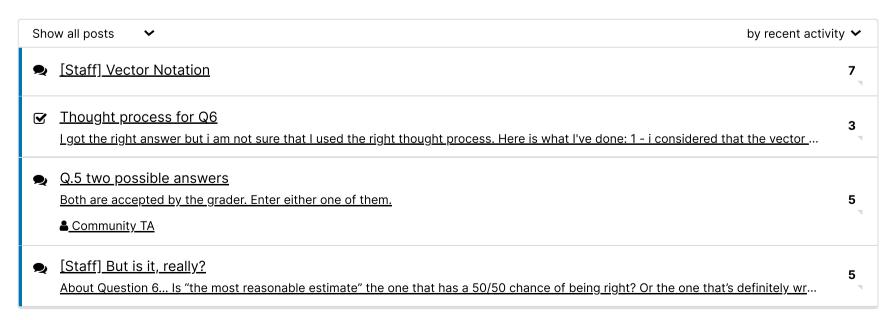
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2. Gradients and dot products

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