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14. Exam

Exam due Oct 15, 2021 21:30 IST Completed

14.

1 point possible (graded, results hidden)

A continuously differentiable function $f(x, y)$ satisfies

$$f(1, t) = -t^2 + 2, \quad f(t, 2t^2) = 2t - 4,$$

for all t.

Find the gradient $\nabla f(1, 2)$.

(Hint: differentiate the two equalities above in t using the Chain Rule.)

(Enter vectors surrounded by square brackets. For example, type `[x,y]` for the vector $\langle x, y \rangle$.)

[18,-4]

? INPUT HELP

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Answer submitted.

14. Exam

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