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Newton's Method in 2D for rootfinding

1分

Suppose you have the function

$$f(x, y) = 2x^2 + 3y^2$$

and want to find the (x, y) where $f(x, y)$ is minimized. How many steps will it take Newton's method to converge (to say single precision)?

选项*

○ 1

○ depends on the initial guess x_0

○ 3

○ 2

○ 9

保存回答   提交最终回答