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# Newton's Method in 2D for finding a minimum

1分

Suppose you want to find a point  $v = [a, b]$  where  $g(a, b)$  is minimized. What would Newton's method be?

选项\*

- ☐  $v_{k+1} = v_k + H_g(v_k) \nabla g(v)$
- ☐  $v_{k+1} = v_k - \nabla g(v)$
- ☐  $v_{k+1} = v_k - H_g^{-1}(v_k) \nabla g(v)$
- ☐  $v_{k+1} = v_k + H_g^{-1}(v_k) \nabla g(v)$
- ☐  $v_{k+1} = v_k - H_g(v_k) \nabla g(v)$

保存回答

提交最终回答