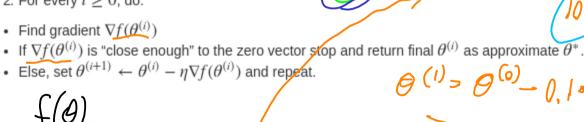
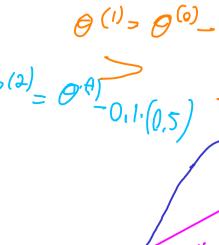
## **Gradient Descent**

- 1. Start with an initial guess for  $\theta$ , call it  $\theta^{(0)}$ , step-size  $\eta$ .
  - 2. For every  $i \geq 0$ , do:
  - Find gradient ∇f(θ<sup>(i)</sup>)







i=0:  $\nabla f(0^{(0)}) =$ 

