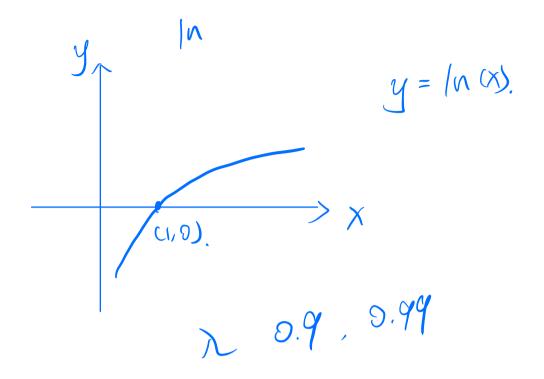
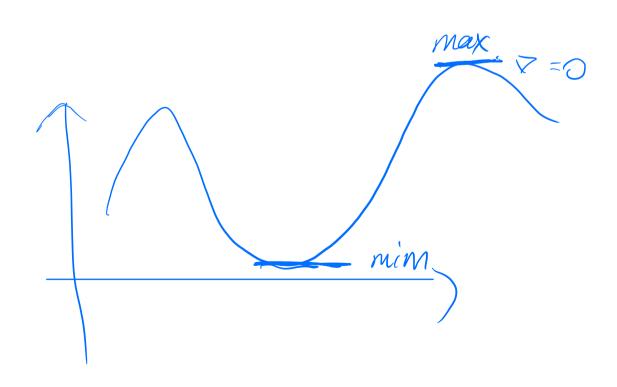


- ① $X+1=2 \Rightarrow X=1$ one function \rightarrow one element X.
- $\begin{cases} x + y = 2 \\ x + 2y = 3 \end{cases} \Rightarrow \begin{cases} x = 1 \\ y = 1 \end{cases}$ two functions \Rightarrow tree \therefore y
- N function.

 N element

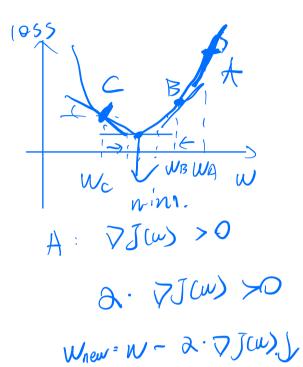




When = W - 2 7J(W) (055



when = w - 2. DJ(w)



C: 7J(W) <0 2.7J(W) <0 When W-27J(W) 1

 $\lambda = 0.1, 0.01$

Greedient Descent. = G \$ DJ(w) =0. / GB

y= 3x'+2x+/ $||W||_{2} =$ $||W||_{2} =$ $||W||_{2} =$ $||W||_{2} =$ $||W||_{2} =$ $||W||_{2} =$ $||W||_{2} =$ WB WA. 70

$$y = 3x^2 + 2x + 1$$

$$\int y = 6x + 2 \Rightarrow 0$$

$$x = -\frac{1}{3}$$