$\frac{1}{2\times3}\left((0-1)^2+(0-2)^2+(0-3)^2\right)$ = \frac{1}{6} (1+4+9) = \frac{7}{3} J(Oi) = 1 & (Oini-y'') grandent descent min J(00,0,) O Start at 00=0, 0,=0 (It can be any value of though) (2) Keep cherry of O.S. O, to reduce J(00,0,) 3 until ve rect minimum

J(O1) = 1 & (ho(x(1)) - y(1) 32 3 ie. 01-0 = ho (n)=0

3 - X X

ho(n)=0, n