lass 1 class o y=mn+C = mnt C y'= predicted 2 sigmoid y'= predicted 2 sigmoid C Size = brightness * m + C dass! > décision boundary

42mntc

Month local minima

Loghoss frenc

J(0) = 1 = coet(y', ye) $y=1 \Rightarrow cost(y',y) = -log(y';)$ $y=0 \Rightarrow cost(y',y) = -log(1-y';)$

-1000 Signoid (MM+C) y-1=) loss/cost= 1-2·1 -1-2-17 1+e-1+e = S(2) (

1+EZ). -+1 5/2 S(Z)

cost = N(S(Z)-y)

hog = din + Sigmoid (0-1) (0.5-7) (0.5-7)