Mogrepuragan GD

Oyenen

rpagueumo

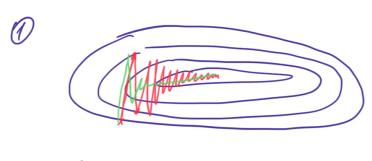
rpagueumo

gropruyun

w (4) = w (4-1) - gx \ \ Q (w (4-1))

oyenia

Lucens FG



llomentum (uemog un nyusa)

$$h_0 = 0$$
 $h_u = \lambda h_{\kappa-1} + h_u = \Omega(w^{(\kappa-1)})$ 
 $\lambda \in (0,1)$ 
 $\lambda \in (0,1)$ 
 $\lambda \in (0,1)$ 
 $\lambda \in (0,1)$ 
 $\lambda \in (0,1)$ 

w (k) = w (k-1) - h "

2) Tyung uneem ex poepernemon uprynon x; - norme no beex of seumon =0

Cui monto us parmen, ys selecure LR Momens oresponder commence Sorcinpora

Rus Prop

Koia Ado Civad, menons

Cuj = 1 Gu-1, j + (1-2) (Pw Q (war));

Idam

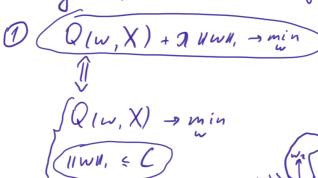
Paypemenne mogenn

Q(w,X) + 211w1, → min
21w1

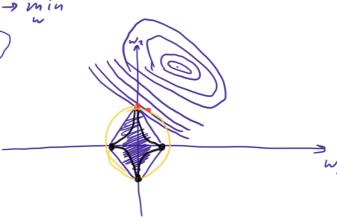
3 æren n popermbarns usgens?

M 1 2 2 5 ... ..

- y cusperme
- znoven uno ne ble upaju. novejnos
- l < d







$$11 W - (5,0) M_2^2 = 1 - 25 + 5^2 + E^2$$
  
 $11 W - (5,0) M_1 = 1 - 5 + E$ 

$$11 w - (0, 5) N_{1}^{2} : 1 - 2 \xi 5 + \delta^{2} + \xi^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1 - 2 \xi 5 + \delta^{2} + \delta^{2} = 1$$

$$S_{12}(w_{i}) = \begin{cases} w_{i} - \frac{1}{2} & w_{i} > \frac{1}{2} \\ w_{i} + \frac{1}{2} & w_{i} < -\frac{1}{2} \end{cases}$$

Lunen nas mes cue puna que

W - Rd

Q(x)= Sign (<w, x>+ wo) - muen unin unea cui purcamop

(W, x) +Wo = 0 - MUNIP MIOLEOUMS

1 Togrenne un nes comp.

 $\frac{1}{\ell} \sum_{i=\ell}^{\ell} \left[ \frac{\operatorname{sign}(xw,x;>) \neq y;}{\operatorname{sign}(xw,x;>)} \right] \rightarrow \min$ 

1 / [y: <w, x: > <0] → min

y: (w, x; > 0 => ombem begusuit y: (w, x; > 0 => ombem nebeosnouit

Mi = gi < w, x; > - om cmyn (margin)

|Mi| - pa como anne em zi go pajgeneses rejent

s' yluperman una une priso conocine

s' yluperman una conocine

s' yluperman una

|Mil - ybepennound upornops

M: «O - Sorres y bor Spocob

05 (y; < w, x; > < 0) (S)

L(U) = [U<0] = [U)
noporolag
p-yus nomere resignas

[(U) = e-M

[(M): 2

[[ (U) = log (1+ e-") - 10 ruemur. q-yus nomeps

[ [U): max (0, 1-11) - SVIL

(2) Метрини начентво ило сигринадии

1) Dan bepuser ombernd

accuracy (a, X) = { = { = { (a(x;) = y;}}

HE TOTHOCT6!!!

8 = 1 . Jov y=+1: 50

Q(x) = -1

- pagner yenge ouw due - danane una cest nomem neusumoes

QCCUVacy = 0.95

<b>V</b> ,	٧,	V,- V2	<u></u>
20 %	10%	10%	50%
50%	15%	25%	50%
0.1%	0.01%	0.09%	90%