Adaboost	Zu	经为设在外
100	•	10000140

 $\frac{1}{N} = 1(G(b_i) + y_i) \leq \frac{1}{N} = e^{bp_i} - y_{ij}(x_i) = \prod_{m} Z_m$ 

रिक्राकृति :

当员(九)丰生的时色的设计(的) 3一 新春的成至

$$D_{m+1} = (w_{m+1,1}, \dots, w_{m+1,i}, \dots, w_{m+1,N})$$

$$w_{m+1,i} = \frac{w_{mi}}{Z_m} \exp(-\alpha_m y_i G_m(x_i)), \quad i = 1, 2, \dots, N$$
 (8.4)

这里, $Z_m$ 是规范化因子

$$Z_{m} = \sum_{i=1}^{N} w_{mi} \exp(-\alpha_{m} y_{i} G_{m}(x_{i}))$$
 (8.5)

(8.3)

它使 D<sub>m+1</sub> 成为一个概率分布。

Wmi etp} - dmyi Gm (xi) = Zm Wm+1, i

现约350下:

$$\frac{1}{N}$$
 = etp(- $y_i$ +( $t_i$ ))

ひzwzi=Wzietpf-dztiGz(ti) = Zi·Zz· = Wzi Tz etpf-dmyi Gm(ti)}

= T Zm

·这说啊,可以在每一轮取鱼面Gm使Zm最小,从种使训练淡色 不降影块

$$Z_1 = \frac{W_{1i} e^{\frac{1}{2}} p(-\lambda_1 y_i G_1(bi))}{W_{2i}}$$

对之的类的地质

$$T_{2m} = T_{2m} [2\sqrt{em(1-em)}] = T_{m}(1-4\sqrt{m}) \le etp\{-2\pi p_{m}^{2}\}$$

$$E = T_{m} [2\sqrt{em(1-em)}] = T_{m}(1-4\sqrt{m}) \le etp\{-2\pi p_{m}^{2}\}$$

$$E = T_{m} [2\sqrt{em(1-em)}] = T_{m}(1-4\sqrt{m}) \le etp\{-2\pi p_{m}^{2}\}$$

$$T_{m} = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}]$$

$$T_{m} = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}]$$

$$T_{m} = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}]$$

$$T_{m} = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}]$$

$$T_{m} = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}] = T_{m} [2\sqrt{em(1-em)}]$$

$$T_{m} = T_{m} [2\sqrt{em(1-em)}] = T$$

	$T\sqrt{1-4\gamma_{m}^{2}} \leq ebp\{-22\gamma_{m}^{2}\} = Tep\{-2\gamma_{m}^{2}\}$
Δ	
	in Pric: 1-47m < epps-2 pm }
	Pri2: 1-47m = etpf-47m
	$A = 4 \gamma_m^2$
	: 1m=1-em em 6[0,1]
	in Ym E [-= , =] intEO,1]
	木9色 ナ(カ)= enp {-为)+ x-1
	$f'(16) = -etp\{-x\}+ >0, xE[0,1]$
	( f(b) 1 a = f(0)=0
	( f1的20 在C0,1]上底至
	e & p \ - 1 > 1 - 1
	Pp epps-47m } 7 1-47m
数据。	如果存在 y >0, zz FM有 m有 Pm > y, 见
	$\pm 21(G(h_i) + y_i) \leq ehp\{-2My^2\}$
	这表明, 吃如茶件下, Adaboost To 训练说是对首都健了了。
	因为 Ym=1-em, 误卷越小, m越大, 见门送卷上界从指的级减少





