10,2 274 UEZI

四月时起了 (joint entropy)

智慧地区则是 智能等是多人格的 智能 则于死是 智能计

ार्ष्ट्रियम X, You THAM देखेलाड्य में महिम्से रागिया

$$H[X,Y] = -\sum_{i=1}^{k_x} \sum_{j=1}^{k_y} p(x_i,y_i) \log_2 p(x_i,y_i)$$

(。) SOIM Kx, KYE 站 Xer Yit 12年 25 351 25年27) p = 转裂容器存在

Elegate by X. You cutou Robotice Post destated

(o) YOM PE 整理的好다.)

 27年则至阳是 川村 建始中 X 中 好 建始中 Y 中 张 时间的 四号 25日 到 3 时间 3 日本 25日 3 时间 3 日本 20日 3

· 27/4 0/EZM91-45.

文学的介X, Yor 是中心智能行动和对别 X 水 智能 张 双音 对空中的 Y 创生35 H [[] = 9;] 는 다중처럼 27부 확률보의 인芒3대3 컴퓨士

$$H[[Y|X=n_i] = -\sum_{j=1}^{K_Y} p(y_j|n_i) \log_2 p(y_j|\alpha_i)$$

了对中国至江地 考虑的个 X가 가진수 制定 经 否则 CHSM H[Y/X=2;]를 가장되는 2003 전의한다.

$$H[Y|X] = \sum_{j=1}^{K_X} p(\alpha_i) H[Y|X = \alpha_i]$$

$$= -\sum_{x=1}^{K_X} \sum_{j=1}^{K_Y} p(y_j|\alpha_i) p(\alpha_i) |og_2| p(y_j|\alpha_i)$$

$$= -\sum_{x=1}^{K_X} \sum_{j=1}^{K_Y} p(\alpha_i, y_j) |og_2| p(y_j|\alpha_i)$$

$$= -\sum_{x=1}^{K_X} \sum_{j=1}^{K_Y} p(\alpha_i, y_j) |og_2| p(y_j|\alpha_i)$$

供等地到 对 特别老年

$$H[Y|X=x]=-\int_{y}p(y|x)\log_{2}p(y|x)dx$$

$$H[Y|X] = -\int_{\alpha} p(\alpha) H[Y|X = \alpha] d\alpha$$

$$= -\int_{\alpha} p(\alpha) \left(\int_{y} p(y|\alpha) \log_{2} p(y|\alpha) dy \right) d\alpha$$

$$= -\int_{\alpha} \int_{y} p(y|\alpha) p(\alpha) \log_{2} p(y|\alpha) d\alpha dy$$

$$= -\int_{\alpha} \int_{y} p(x,y) \log_{2} p(y|\alpha) d\alpha dy$$

四次人的是四十分对于一种的是四十分对于

(。) (沙岩湖千)

$$H[Y|X] = -\sum_{i=1}^{kx} \sum_{j=1}^{ky} p(a_i, y_j) \log_2 p(y_j | \lambda_i)$$

(四年到到约年)

$$H[Y|X] = -\int_{X} \int_{Y} p(n,y) \log_{2} p(y|x) dn(dy)$$

O 所到 经对金融分

$$x = 0$$
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$$X=0$$
, $X=12$ eye $22\sqrt{3}$ 2

$$H[Y|X=0] = 0$$

$$H[Y|X=1] = 0$$

EG2H 27/40/53245 00/ Sfet.

- ·管观器程始分船
- · 冷水性 程整个贴

→ × 저하게면 YE 정해진다.

0 用多可写的知识是对

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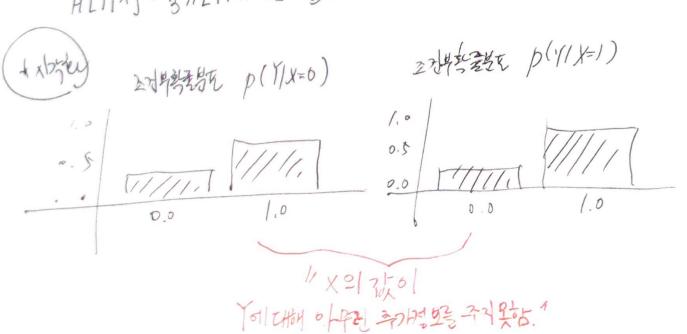
X=0, X=12~14 到期基当时中部委引

$$P(Y=0|X=0) = \frac{1}{3}, P(Y=1|X=0) = \frac{2}{3}$$

 $P(Y=0|X=1) = \frac{1}{3}, P(Y=1|X=0) = \frac{2}{3}$

千万千、千个山里地中中0.924.

升流流神经的动物, 对特别对称 等的 中 0.924. H[Y|X] = $\frac{1}{3}$ H[Y|X=0] + $\frac{2}{3}$ H[Y|X=1] \approx 0.92



四分性切气不是什么多少人可知自然和

(= 1) 2 HOLEY 807H>
LAOTH 2 4 (Y=0)
LAOTH 25 (Y=1)

△下場內見內見完 "특정和北京本東州站上入"(X=1) 空气 "특정和北京和公司号云"(X=6) 网络亚宁中亚大部。

6月岸海: X1, 从2, X3

(X1, Yel 2/21)

$$X_{1}=0$$
 $Y=0$
 $Y=1$
 $Y=0$
 $Y=1$
 $Y=0$
 $Y=0$

(Xn, Yel 21711)	X=0	Y=	
1/ 0	0	40	40
Xn = 0	40	0	40
13=	40	40	206

并十十一一号部年?(X1, X2, X3) 中 建中央 现代 对 及 无 对 X

$$H[Y|X_1] = p(X_1=6) H[Y|X_1=6] + p(X_1=1) H[Y|X_1=1]$$

$$= \frac{40}{80} \cdot 0.81 + \frac{40}{80} \cdot 0.81 = 0.81$$

$$H[Y|X_2] = p(X_2 = 6) H[Y|X_2 = 6] + p(X_2 = 1) H[Y|X_2 = 1]$$

$$= \frac{60}{80} \cdot 0.92 + \frac{20}{80} \cdot 0 = 0.69$$