time time thered time thered $P(x)\log_2(P(x)) - (1-P(x))\log_2(1-P(x))$

$$H(P, \hat{\beta}) = \mathbb{E} I_{\lambda}(x) = \frac{1}{x^{2}} I_$$

1)
$$\forall P$$
 $KL(P||P) = 0$, $KL(P_{i}||P_{2}) = 0$

 $P_{1} = P_{2}$ 2) $\forall P_{1}, P_{2} \quad KL(P_{1}||P_{1}) = KL(P_{2}||P_{1})$

Pz
$$P_{L}(P, ||P_{2}) = min$$

$$P_{L}(x) \log \frac{P_{L}(x)}{P_{L}(x)}$$



