$$J = \frac{1}{2} (y_1 - t_1)^{\frac{1}{2}} = \frac{1}{2} \sum_{i=1}^{n} \sum_{i=1}^$$

$$H(Y|X=X) = -\sum_{y \in Y} P(xy|X) \log_2 P(y|X)$$

$$P(y|X) = P(x,y) = -\left(\frac{P(x)\log_2 P(y|X)}{P(x)}\right) \log_2 \frac{P(x)\log_2 P(y|X)}{P(x)}$$

$$P(x) = \frac{P(x,y)}{P(x)} = -\frac{P(x)\log_2 P(x)}{P(x)} \log_2 \frac{P(x)\log_2 P(x)}{P(x)}$$

$$P(x) = \frac{Q(x)\log_2 P(x)}{Q(x)} = \frac{Q(x)\log_2 Q(x)}{Q(x)} = \frac{Q(x)\log_2 Q(x)}{Q(x)}$$

$$H(Y|X) = -\sum_{x \in X} P(x,y)\log_2 P(y|X)$$

$$P(y|X) = P(x,y)\log_2 P(y|X)$$

$$P(x) = -\sum_{x \in X} P(x,y)\log_2 P(x)$$

$$P(y|X) = P(x,y)\log_2 P(x)$$

$$P(x) = -\sum_{x \in X} P(x,y)$$

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$$P(x) = -\sum_{x$$