

$$P = (4 \frac{1}{2})^{2} = \frac{1}{16}$$

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$$SM = \frac{1}{16} + \frac{1}{16} + \frac{1}{16} + \frac{1}{16} + \frac{1}{16} = \frac{1}{16}$$

$$P = \frac{1}{16}$$

$$P$$

(X, Y)

H(X)H(X,Y) H(X) = H(X/X) + H(Y) - HX)+ H(X/X) t-f(x)+(1-t/f(x)) Jensen J (+X,+1++1/2) KT = Lung -Enmy $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$ $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$ $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$ $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$ $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$ $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$ $= \sum_{i=1}^{n} p(s) w_{i} \frac{1}{p(s)} - \sum_{i=1}^{n} p(s) w_{i} (\frac{1}{p(s)})$