**尚**4.1.1

$$I = -\log_2(px) = -\log_2(\frac{1}{2})$$
  
=  $-\log_2(2^{-1}) = |(bit)|$ 

**尚4.1.2** 

$$I = -\log_2(R_2) = -\log_2(\frac{1}{2} \times \frac{1}{2})$$
$$= -\log_2(2^{-2}) = 2 \text{ (bit)}$$

尚 4.1.3

$$I = -\log_2(Pas) = -\log_2(nC_1x(\frac{1}{2})^n)$$
  
=  $-\log_2(nx(\frac{1}{2})^n)$ 

第6章 対数と乗算成算の実体

$$| b| 6. | \Rightarrow$$

$$X = ABon \times \frac{1}{2} | \log(X) = \log(A) + \log(B)$$

由6.3 5

$$X = X_1 X_2 X_3 X_4$$
 or  $X = \sum_{k=1}^{4} \log(X_k)$