$$\begin{array}{l}
X = \{x_1, x_2 \dots x_n\} \\
\Theta = \alpha rg^{max} \circ P(X \mid \theta) = P(x_1 x_2, x_3 \dots \mid \theta) \\
= \prod_{i=1}^{n} p(x_i \mid \theta) \\
\downarrow_{i=1}^{n} \downarrow_{i$$

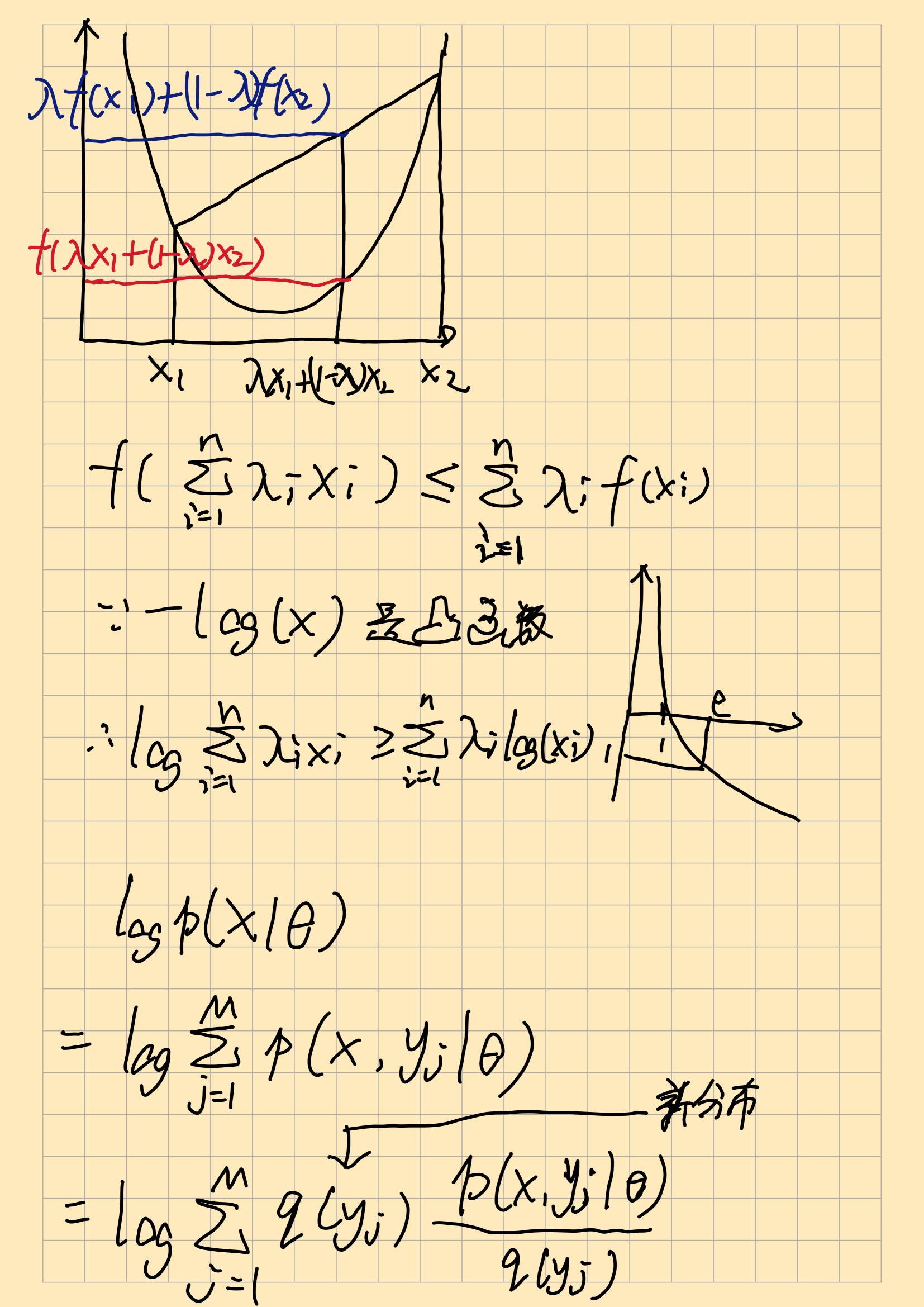
(NUMBERT) 
$$\theta = \theta_1 \vee \theta_2 \vee \cdots \vee \theta_m$$

$$\frac{1}{2} p(x|\theta_0) + (\theta_0)$$

$$= \sum_{j=1}^{m} p(x|\theta_0) + (\theta_0)$$

$$= \sum_{j=1}^{m} p(x|\theta_0)$$

$$\frac{1}{2} p($$



$$\sum_{j=1}^{N} 9(y_j) \log \frac{p(x,y_j|\theta)}{9(y_j)}$$

$$\pm 2 : h(x)$$

$$= \log p(x|\theta) - \sum_{j=1}^{N} 9(y_j) \log \frac{p(x,y_j|\theta)}{9(y_j)}$$

$$= 2 9(y) \left[\log p(x|\theta) - \log \frac{p(x,y_j|\theta)}{9(y_j)}\right]$$

$$= 2 9(y) \log \frac{p(x|\theta) 9(y_j)}{p(x,y_j|\theta)}$$

$$= 2 9(y) \log \frac{p(x|\theta) 9(y_j)}{p(x,y_j|\theta)}$$

$$= 2 9(y) \log \frac{p(x|\theta) 9(y_j)}{p(x,y_j|\theta)}$$

$$= 2 9(y) \log \frac{p(x|\theta) 9(y_j)}{p(y_j|x,\theta)}$$

$$= 2 2 (y) \log \frac{p(y_j)}{p(y_j|x,\theta)}$$

$$= 2 2 (y) \log \frac{p(y_j)}{p(y_j|x,\theta)}$$

$$= 2 2 (y) \log \frac{p(y_j)}{p(y_j|x,\theta)}$$

G=argmax A(A, At) inspect 118—Gl it was else & 拟统》