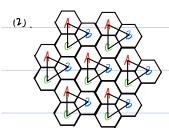
(1) 设界为有k台主机 试图使用某时槽的概率.

$$P_{\vec{A}} = 1 - P_0 - P_1 = 1 - (1 - P)^n - C_n^1 \cdot P(1 - P)^{n-1} = 1 - (1 - P)^{n-1} [1 + (n-1)P]$$



2.

(1) ds组=(
$$k-1$$
) $\frac{P}{b}$ + k d + $\frac{x}{b}$ d电路= $s+\frac{x}{b}$

(k-1) $\frac{P}{b}$ + kd < S 时 分组交换网络的延迟比电路交换短.

$$(7) \quad d = (k-1) \frac{P}{b} + Kd + \frac{x + \frac{x}{P} \cdot h}{b}$$

$$= \frac{k-1}{b} \cdot P + \frac{xh}{bp} + Kd + \frac{x}{b} \qquad P = \sqrt{\frac{xh}{K-1}} \quad P \neq \sqrt{\frac{x}{K-1}} \quad P \neq \sqrt$$