

$$\mathbf{y}(n+1)\widetilde{N\mathbf{y}\mathbf{y}\mathbf{x}\mathbf{x}}\hspace{10em}\mathbf{xx}$$

$$d_{ef}d_{ef}\hspace{10em} \begin{array}{c} x_i \\ d_{ef} \\ \tau \\ \tilde{d} \\ R \\ B \\ t \\ s \end{array} \hspace{10em} P_b \leq \sum_{i=1}^{2^N} \frac{w_i}{N} Q\left(\sqrt{d_i \frac{2RE_b}{N_o}}\right) \hspace{1em} (1)$$

$$w_id_i i \hspace{10em} d_{(t,s)}=6+\left(\frac{|t|}{\tau}+\frac{|s|}{\tau}\right)w_o \hspace{1em} (2)$$

$$\begin{array}{l} w_o1+D^\tau t+sD \\ tsW_d dN_d d \end{array} \hspace{10em} P_b \approx \sum_{i=1}^l \frac{2N_d}{N} Q\left(\sqrt{d_{(t_i,s_i)} \frac{2RE_b}{N_o}}\right) \hspace{1em} (3)$$

$$l(t,s) \hspace{10em} l=\sum_{a=1}^3 N-(N-a\tau)$$

$$\begin{array}{l} m=1,2,\ldots \\ t_ix_ix_i+t_i \end{array} \hspace{10em} x_i\in\mathbb{Z}, t_i\in\tau\cdot\mathbb{Z}\stackrel{\triangle}{=}\mathbb{D}$$

$$(x_i,x_i+t_i)s_i(x_i,x_i+s_i)$$

$$\begin{array}{l} m=1 \\ (1+\bar{D}^{a\tau})(D^u), 0\leq u\leq N-\tau d_{ef} \end{array}$$

$$s\leq a\tau\stackrel{\triangle}{=}\mathbb{E}(s)\forall x\in\mathbb{Z}, t\in\mathbb{D}$$

$$t=s=\tau d_{ef}t+s$$