

Contents

$|\psi\rangle=\begin{bmatrix}1\\0\end{bmatrix}$

(1)

apple
pen pinnacle

$qsres\ atata$

$|\psi\rangle$

(2)

is a quantum state

$\alpha\beta\gamma$

(3)

$\Sigma\Gamma\Theta\Xi\Delta$

(4)

$\leq\geq\ll\neq\equiv$

(5)

$\forall\exists\in\subseteq\subset$

(6)

$\sum_{i=1}^{20}a_i$

(7)

$\int_1^2f(x)\mathrm{d}x$

(8)

$\sin(x)\ \ln(x)\ \lim_{\Delta x\rightarrow 0}\frac{f(x+\Delta x)-f(x)}{\Delta x}$

(9)

$\rightarrow\leftarrow\Rightarrow\Leftarrow$

(10)

$\Leftrightarrow\leftrightarrow\Rightarrow\Downarrow$

(11)

$\otimes\oplus\times\cdots\dot{\vdots}$

(12)

$\mathrm{d}\ \partial\ \mathbb{R}\ \mathbb{Z}\ \mathbb{C}$

(13)

$\frac{a}{b}\ \frac{\partial F}{\partial t}$

(14)

$y_1=f_1(x)$

$y_2=f_2(x)+g_2(x)$

(15)

$y_3=f_3(x)+g_3(x)+\psi(x)$

$\begin{bmatrix}1&2&3\\4&5&6\end{bmatrix}$

(16)

$f(x)=\begin{cases}x&x>0\\-1&x=0\\-x&x<0\end{cases}$

(17)