(Lechur-1) 147 is any prontem slob and Meanne (4) in Computchaiel Baris $|\Psi\rangle = \frac{|\Psi\rangle}{|\Psi\rangle} = \frac{|\Psi\rangle}{|$ $\left| \frac{1}{\langle 0 | \Psi \rangle} \right|^{2} = \left| \frac{1}{\langle 1 | 0 \rangle} \left(\frac{1}{\langle 1 | 0 \rangle} \right) \left(\frac{1}{\langle 1 | 0 \rangle} \right)$ braker (breker)
Novemen | 1>= |x|2

| 1>= (0)

Nisac Molehan Disac Moletan 1<114>1= |[0 1] [x] = |B| P(10) = |x| Boon Rule !-P(11>) = |F|2 For any given Quantum 1660 + 617 $|+\rangle = \frac{1}{12} (|0\rangle + |1\rangle) = \frac{1}{12} (|0\rangle + e^{i\pi} |1\rangle)$ $|-\rangle = \frac{1}{12} (|0\rangle - |1\rangle) = \frac{1}{12} (|0\rangle + e^{i\pi} |1\rangle)$ Row $|-\rangle = \frac{1}{12} (|-1\rangle) = \frac{1}{12} (|0\rangle + e^{i\pi} |1\rangle)$ $|-\rangle = \frac{1}{12} (|-1\rangle) = \frac{1}{12} (|0\rangle + e^{i\pi} |1\rangle)$ Global blane 147 e 197 Organist Stole & Complete Netr's multiplied with eighte

$$|+\rangle = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1| + \frac{1}{|1|} |1|$$

$$|-\gamma = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1| + \frac{1}{|1|} |1|$$

$$|-\gamma = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1| + \frac{1}{|1|} |1|$$

$$|-\gamma| = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1| + \frac{1}{|1|} |1|$$

$$|-\gamma| = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1| + \frac{1}{|1|} |1|$$

$$|-\gamma| = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1| + \frac{1}{|1|} |1|$$

$$|-\gamma| = \frac{1}{|1|} (|1|) = \frac{1}{|1|} |1|$$

$$|-\gamma| = \frac{1}{|1|} |1|$$

$$|-\gamma|$$

$$y = ixz = i \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & -i \\ 1 & 0 \end{bmatrix}$$

$$= i \begin{bmatrix} 0 & -i \\ 1 & 0 \end{bmatrix} = \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix}$$

$$= i \begin{bmatrix} 0 & -i \\ 1 & 0 \end{bmatrix} = \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix}$$

$$= i \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix}$$

$$= i \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & +i \\ 0 & 0 \end{bmatrix}$$

$$= i \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & -i \\ 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & +i \\ -1 & 0 \end{bmatrix}$$

$$x$$
 and z gate are anti-commulate in nature $xz = -2x$

$$|xz + z| = 0$$

$$\begin{array}{c} \alpha | o + \beta | 1 \rangle \\ | o \rangle$$