$$| 0 \rangle = | \frac{1}{0} \rangle, \langle 0 | = (1, 0), | 1 \rangle = | 0, 1 \rangle, \langle 1 | = (0, 1) \rangle$$

$$-014) = \times |77 + 311 \rangle = (3)$$

$$-0<41 = 2 < 01 + 3 < 11 = (3)^{+} = (2 * 3)^{+} = (2 *$$

$$- p \angle 4 | 4 \rangle = (\cancel{x} \cancel{\beta}) (\cancel{x}) = \cancel{x} \cancel{x} + \cancel{x} \cancel{\beta}$$

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$$- \frac{1}{2} \left(\frac{1}{2} \right) \otimes \left(\frac{1}{2} \right) = \left(\frac{1}{2} \right) \otimes \left(\frac{1}{2} \right) \otimes \left(\frac{1}{2} \right) = \left(\frac{1}{2} \right) \otimes \left(\frac{1}{2} \right) \otimes \left(\frac{1}{2} \right) = \left(\frac{1}{2} \right) \otimes \left($$

$$= \langle \chi | 00\rangle + \langle \chi | 01\rangle + \langle$$

$$-b (0) < 0 = \begin{pmatrix} 1 \\ 0 \end{pmatrix} \begin{pmatrix} 1 \\ 0 \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$-611\rangle \langle 0|0\rangle = 11\rangle \langle 10\rangle \langle 10\rangle = 11\rangle \langle 11\rangle = (1)\langle 11\rangle$$