14017, 1410 and 1411> Exercise?

Exercise:

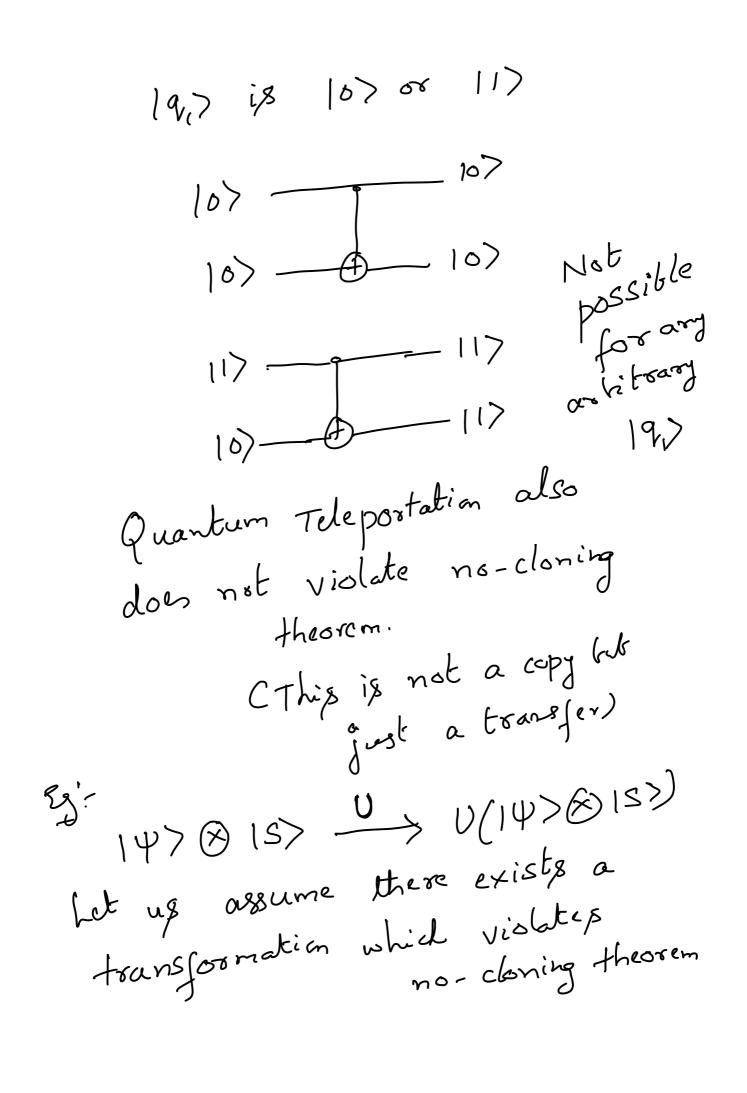
|
$$\frac{1}{\sqrt{1}}$$
 | $\frac{1}{\sqrt{2}}$ | $\frac{1}{\sqrt$

^

$$|\chi_{3}\rangle = \frac{1}{\sqrt{2}} \left\{ \frac{1}{\sqrt{2}} \left(\frac{10}{\sqrt{2}} + \frac{11}{\sqrt{2}} \right) \left(\frac{101}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) \right\} + \frac{1}{\sqrt{2}} \left(\frac{100}{\sqrt{2}} + \frac{1107}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) + \frac{1}{\sqrt{2}} \left(\frac{100}{\sqrt{2}} + \frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) + \frac{1}{\sqrt{2}} \left(\frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) + \frac{1007}{\sqrt{2}} \left(\frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) + \frac{1007}{\sqrt{2}} \left(\frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) + \frac{1007}{\sqrt{2}} \left(\frac{1007}{\sqrt{2}} + \frac{1007}{\sqrt{2}} \right) + \frac{1007}{\sqrt{2}} \left($$

Bit flip and phase flip Phose flip [XN] Telepostation protocal has been experimentally realized by chinese experimentally realized by chinese where they teleposted qubit b/w ahere they teleposted qubit cos (4000 kms) and satellite (1000 kms) Entanglement Swapping

Entranglement Swapping was demonstrated between two of Canary Islands (2143km) No-cloning theorem: It is not possible to build a quantum ciocuit to make a copy of an ashitrary qubit 147= 2107+B11> There is no unitary transformatical that can produce two capies of an arbitrary 147" should be 1927 — (192¹⁷) 196927 able for 1927 = 192)



 $24|4\rangle = 1 \text{ or } 24|4\rangle = 0$ $=) 14\rangle = (4) \text{ (ob)}$ $=) 14\rangle = (4) \text{ and}$ = (4) are = (4) or are