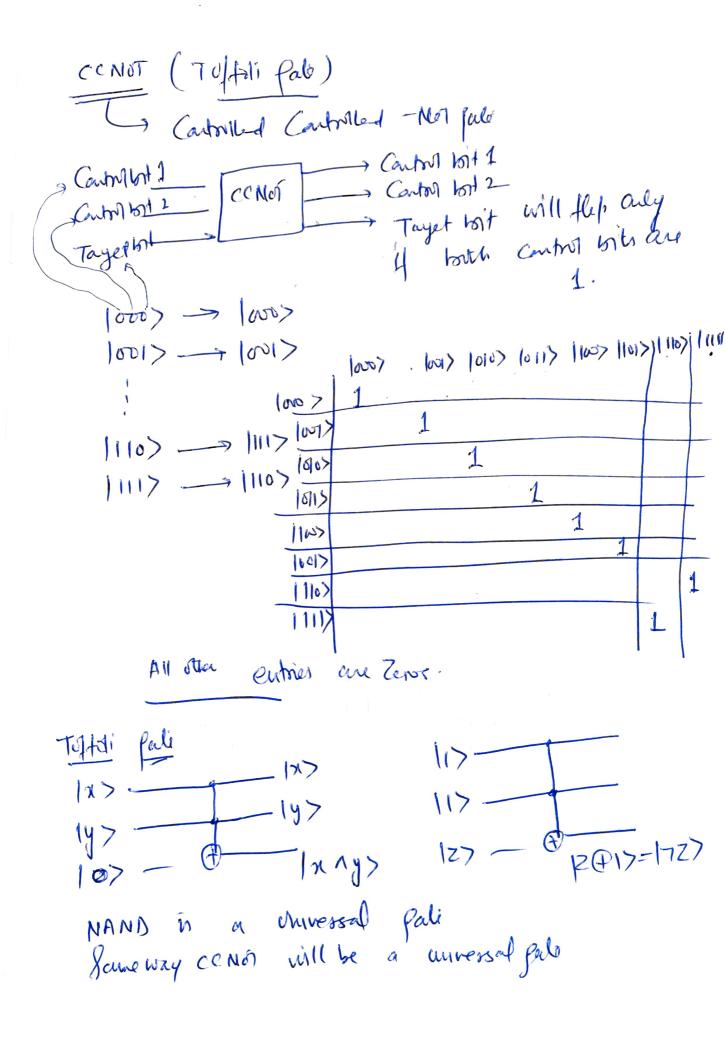
(F1) (Lechue -4) hen apply Not to tayet int (flip the target but not to 1 CNOT pale (Controlled - Net parts) Her Could bit Linets Cuthuli 107 10> 11> 107 10> Ex-or clamal James Co (cot to) mod 2 12> (ne ne y> = loay>= ly> InPy> (n@x> x=0 (0@0>=0 x=1 /1P1>=0 (8)



2)0>+ B11>= (x) -

$$Z^{2} = I$$

$$(\begin{array}{c} 1 & 0 \\ 0 & -1 \end{array}) = (\begin{array}{c} 1 & 0 \\ 0 & -1 \end{array}) = I$$

$$S = ID_{2}$$

$$APPLY S = Pade Thick
$$APPLY S = Pade Thick$$

$$APPLY S = Pade Thick
$$APPLY S = I$$

$$APP$$$$$$