No-Cloning Theorem { Is there any gates to clone | st 2-bit } { to 2nd q-b.t like this below? If y- arbitral state q-bit If y- Kloy +BII) If y- Wo - IV> Ioy - Wo - IV> Operator: Uc, does tollowing, Uc (IVY DIOY) = IVY DIY>

Nov, compare on rishe side

> Find out this is the?

= K.X (007+ XBOI) + BX(10) + BB(11)

= X21007 + XB101> + XB110> + B2111>

see expanded Let + side

Fore they thue?
$$\begin{cases} \chi^2 = \chi \\ \beta^2 = \beta \end{cases}$$

$$\forall \beta = 0$$

Decause since of orps has to be of but $X^2 = X$, S = B like 1