[6.6] Charlie proposes a 2-grin system in state 1 sing > = \(\frac{1}{2}\)(14d>-1du>) Bob measures Ey and alice measures of what is < ox Ty? What is Con(Ox,でy)=くびメモリケーくびょうくではう? Solution. Recall that ITI> = 14d> +1du>. A150, < sing 1 T,> = = (<ud1-<dul)(14d>+1du>) = = (<ud1ud>+ <ud1ud>+ <ud1ud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud>-<dulud> < amy 17,> =0 Table 1 Table 1 Tx 1/2 (-i | uu > -i | dd >) = -i (| du > + | ud >) = -i | Ti> .. < \(\tau_x \cap \) = < \(\text{uing } \) \(\text{Tox } \cap \) = -i < \(\text{sing } \) \(\text{Tip} \) = 0 corr (0x, Ty) = 0-(0)(0) = 0. (5x & Ty are completely uncorrelated