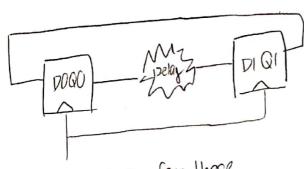


\*(e)



i) There is a violation for these

Hold time violation

Setup-time violation

Ti) The setup violation can be fixed u/ adjusted clockspeed. The hold vidation cannot.

TTI) The setup violation promoted time vicinity or can be solved by adding invertes to increase the transition time. Honorer this will increase the poner consumption.

The hold time shouldn't be affected by the clock speed.

v) The setup trialation can be fixed by slowing the clock