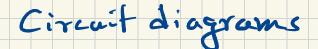
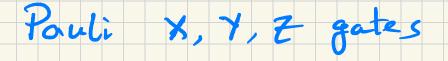
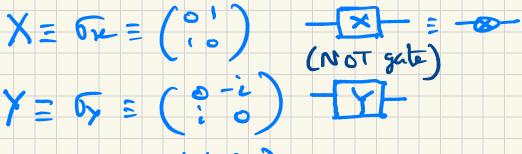
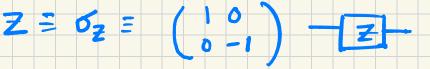
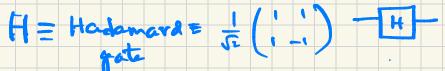
Quantum Grates (Single Busit)

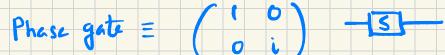


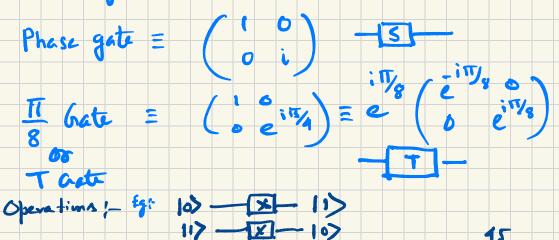












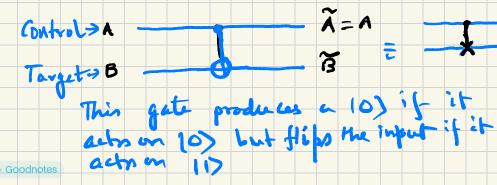
Multi Qubit Grates

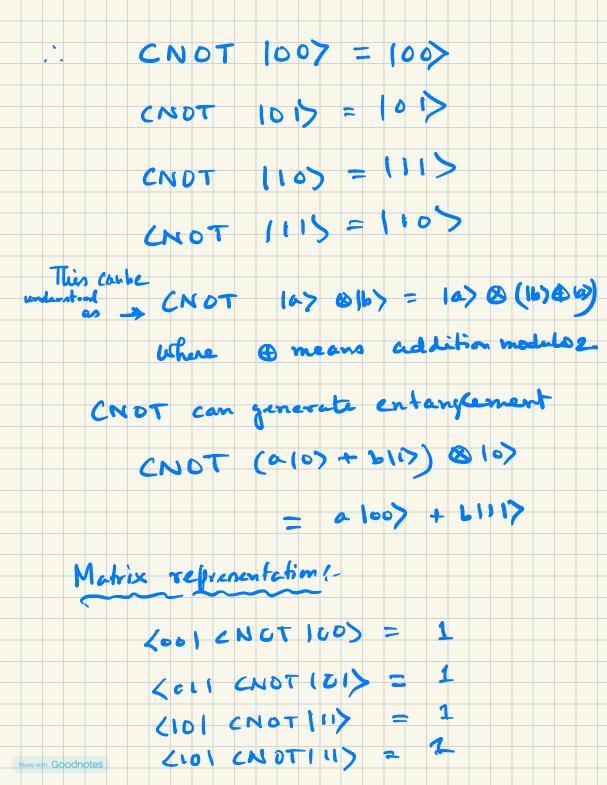
C-Not Grate / Controlled NOT Gate.

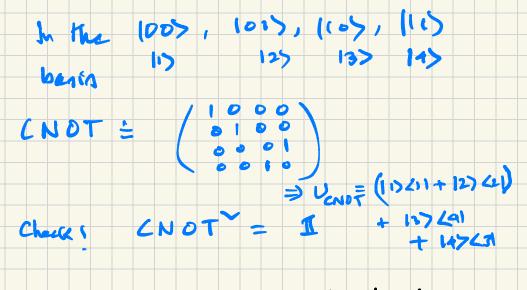
C-NOT gate is a universal gate.

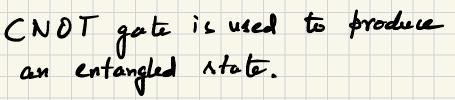
- Like NAND gate, which is a
- Universal gate in the rense, any
- looolean operation can be performed
- using a NAND gate who using
- any other basic logic gates.
- C-NOT gate is a 2-qubit gate.
 - It has a control qubit (2stancity and a target qubit

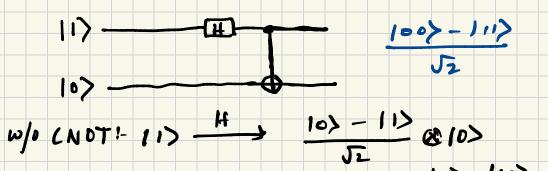


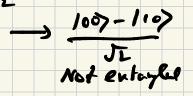




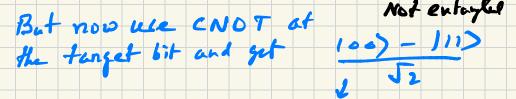








Enterplat !

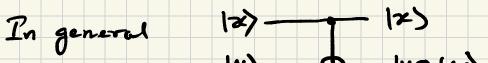


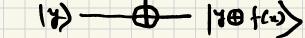


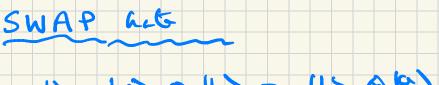


modulo 2 operation.

- 0 0 = 0
- 001 = 1
 - 100 = 1
 - $1 \oplus 1 = 0$

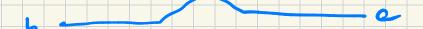


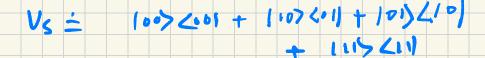


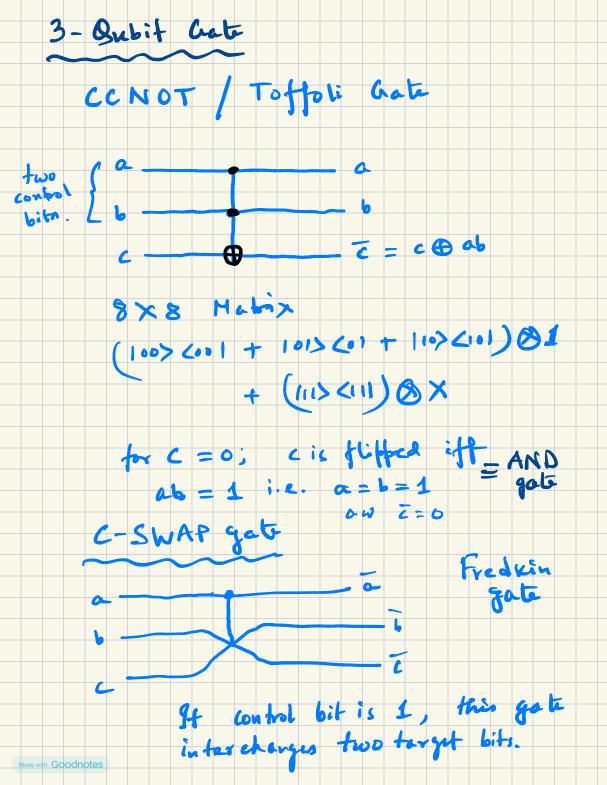


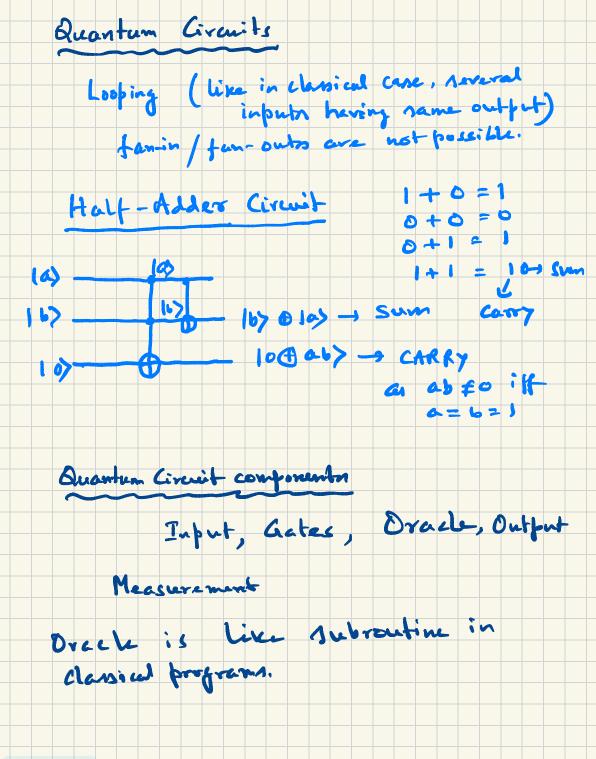


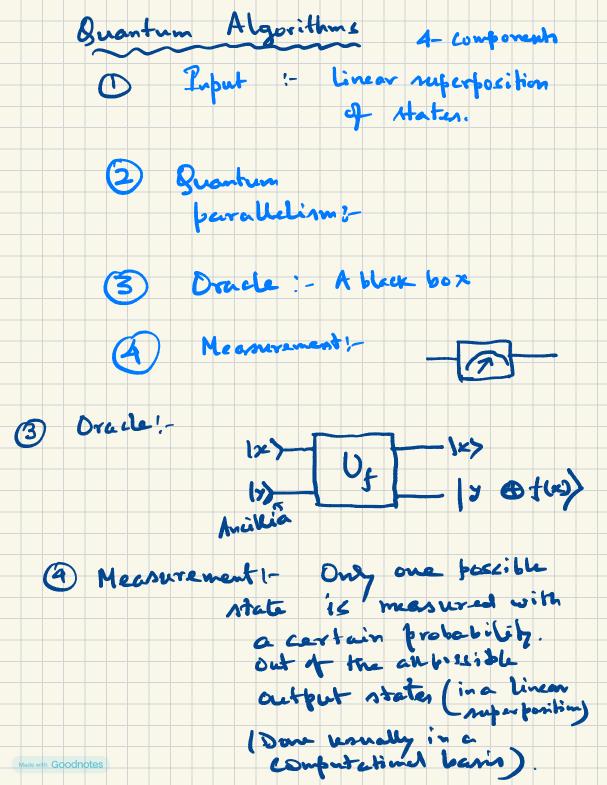


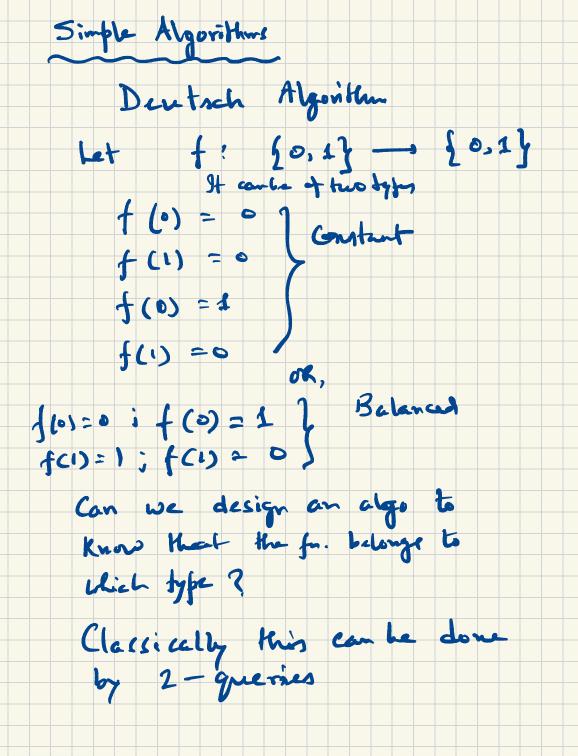


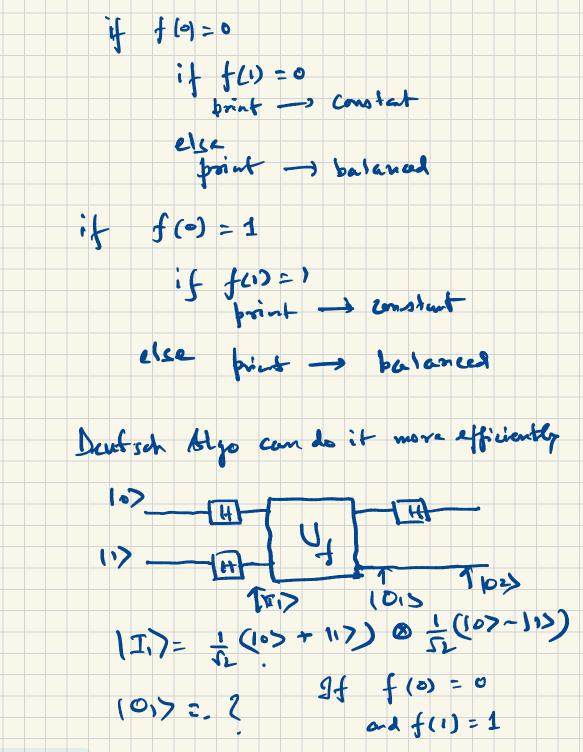












Made with Goodnotes

