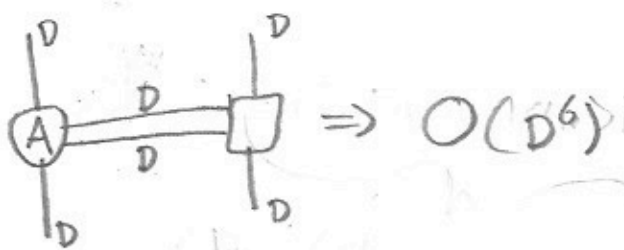
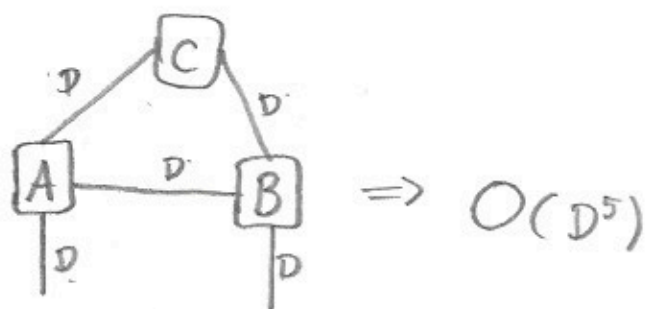


9.4/

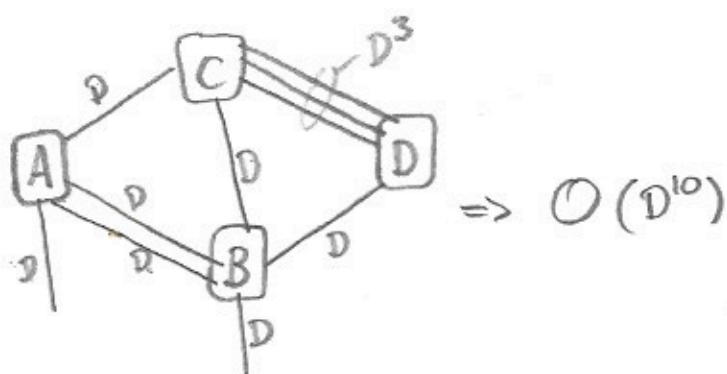
a)



b)

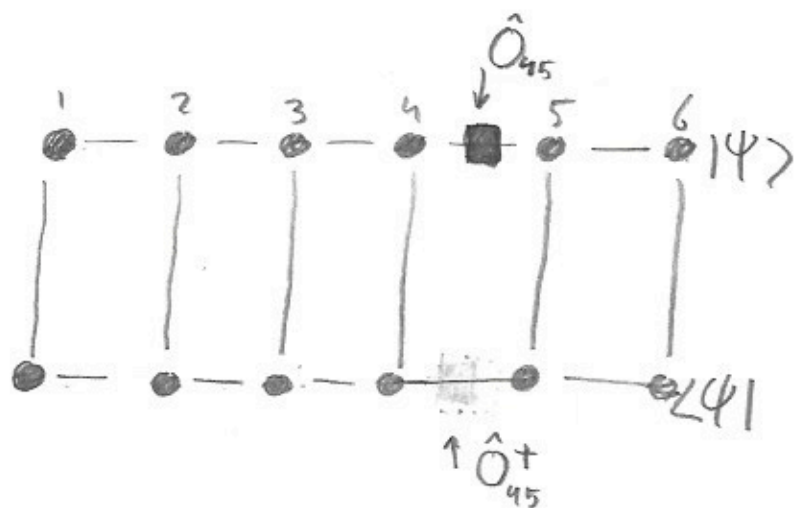


c)

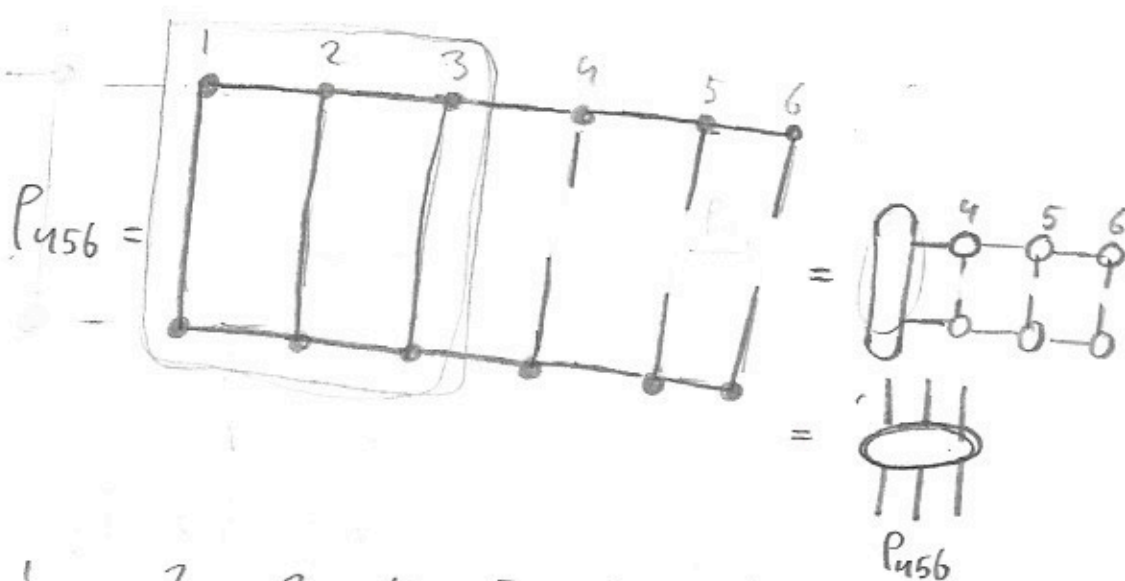


9.51

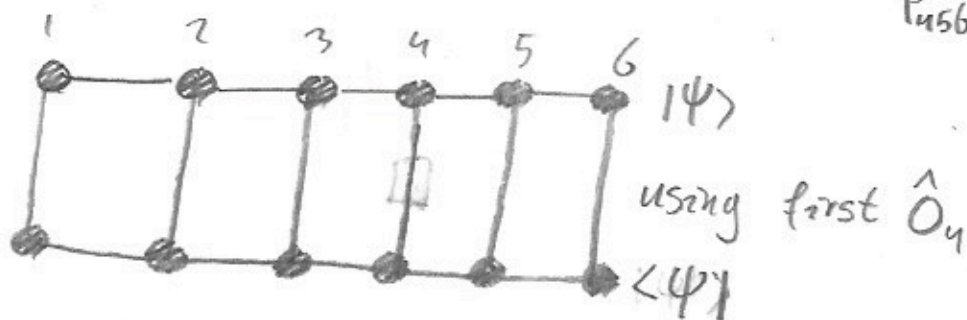
(1)



(2)



(3)



$$\Rightarrow \langle\psi|\hat{O}_4|\psi\rangle =$$

using also $\hat{O}_2 \Rightarrow \langle\psi|\hat{O}_2\hat{O}_4|\psi\rangle =$