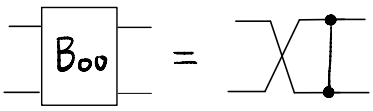
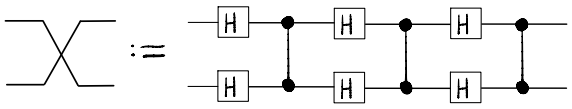
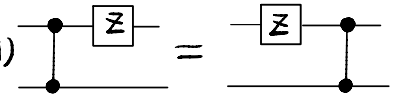
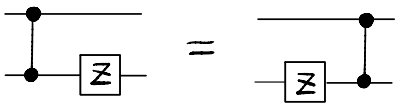
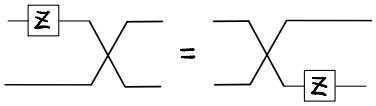
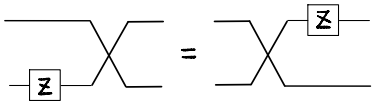


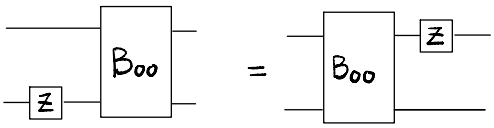
Def 3 : 

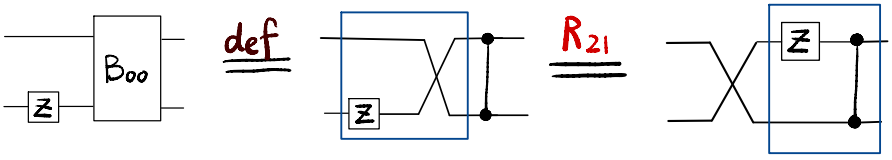
R_{13} : (1) 

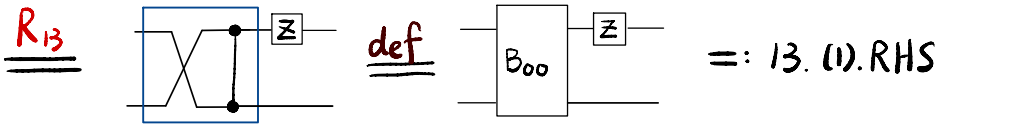
(2) 

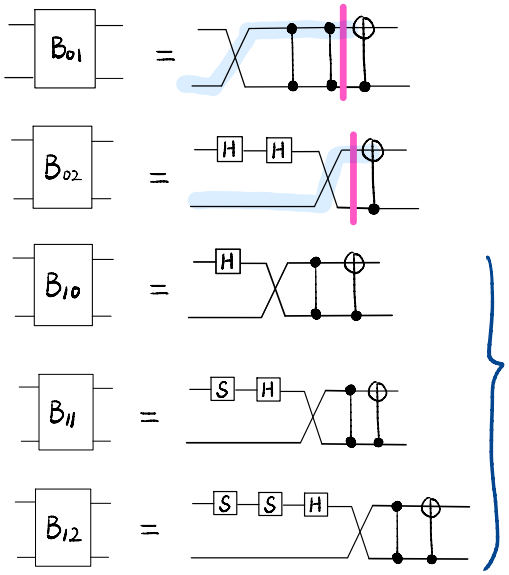
R_{21} : (1) 

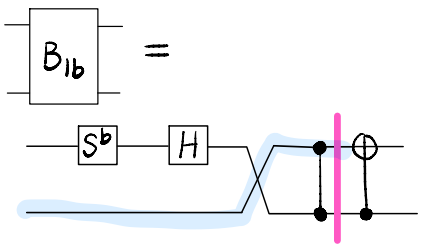
(2) 

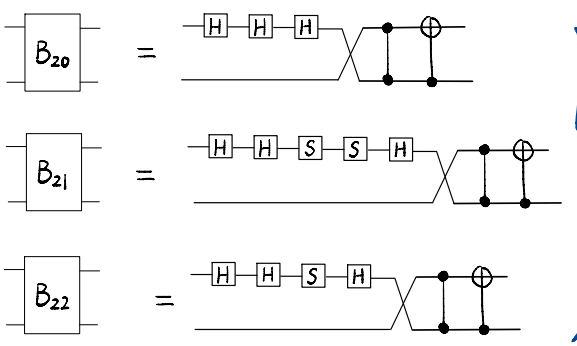
Lem 31 By Def 3, R_{13} & R_{21}, 13. (1) 

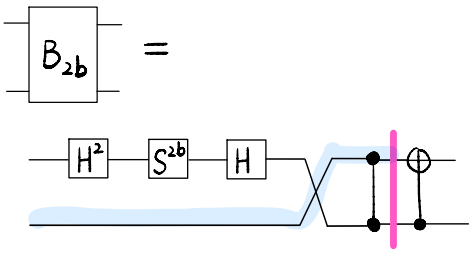
Proof : 13. (1). LHS := 



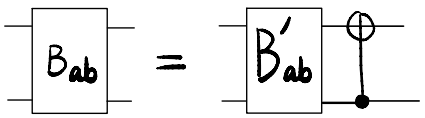






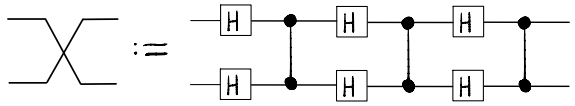


In each Bab, the circuit before | is B'_{ab}.

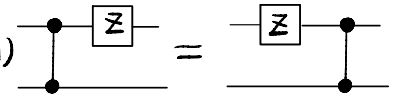


where 

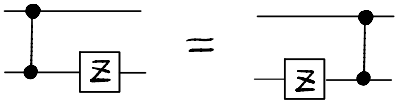
Def 3 :



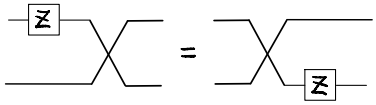
R_{13} : (1)



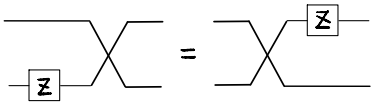
(2)



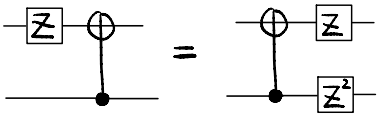
R_{21} : (1)



(2)

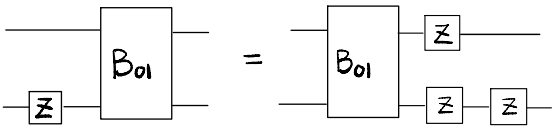


R_{26} : (2)

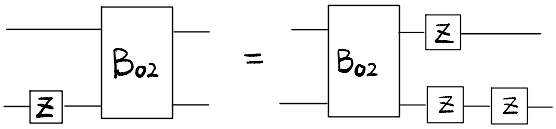


Lem 32 By Def 3, R_{13}, R_{21} & R_{26}

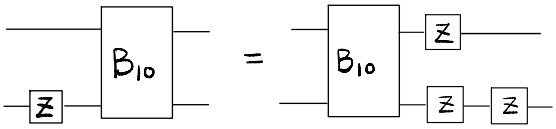
13.(2)



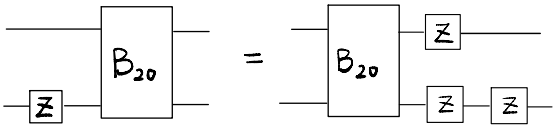
(3)



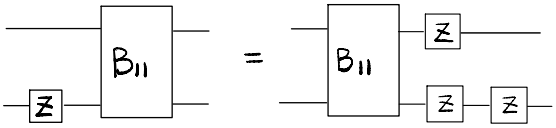
(4)



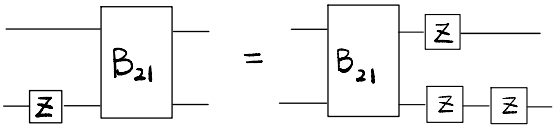
(7)



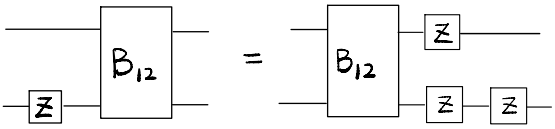
(5)



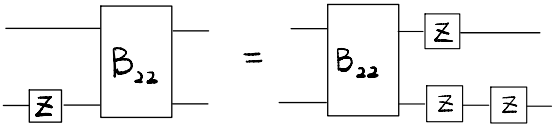
(8)



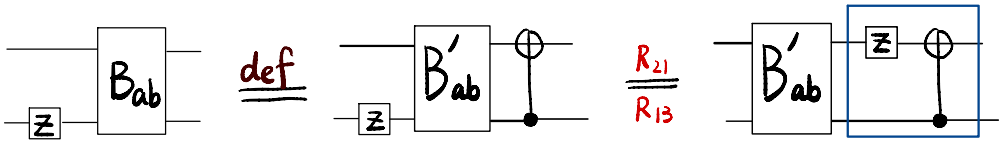
(6)



(9)



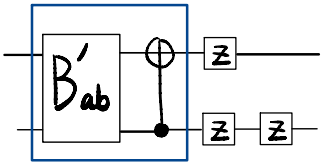
Proof: 13.(2)-(9).LHS :=



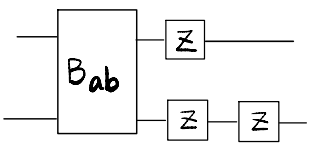
def

R_{21} / R_{13}

R_{26}



def



=: 13.(2)-(9).RHS