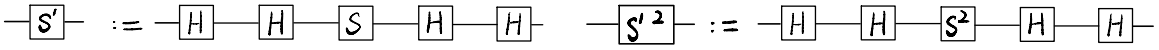
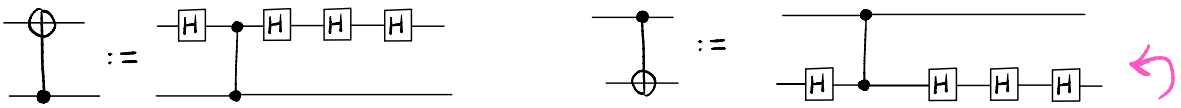
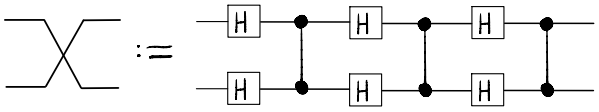
Two-Qutrit Derived Relations : T_3

Def 1 : 

Def 2 : 

Def 3 : 

We chose this definition because it shows up in the microscopic picture of many box relations

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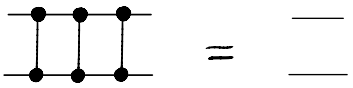
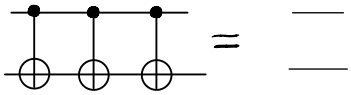
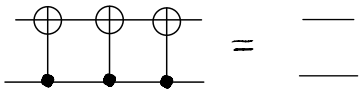
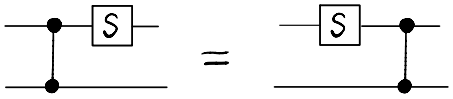
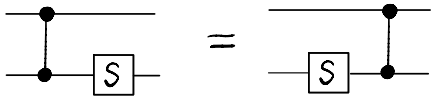
C_6 : 

C_6^1 : 

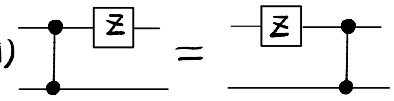
C_6^2 : 

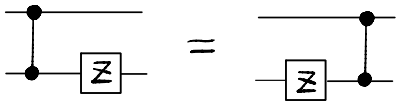
Lem G

C_7 : (1) 

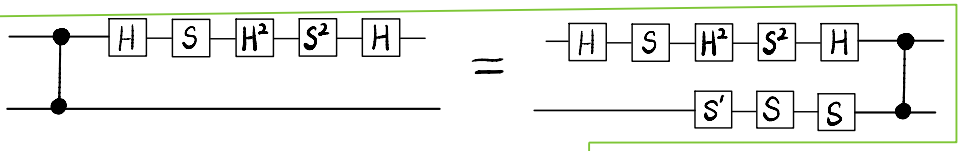
(2) 

Lem C

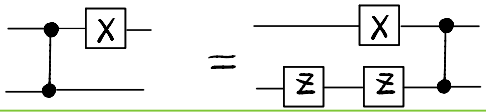
R_{13} : (1) 

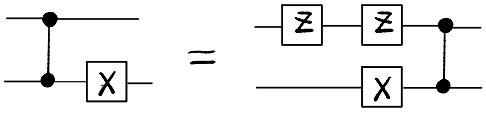
(2) 

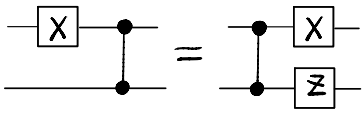
Lem F

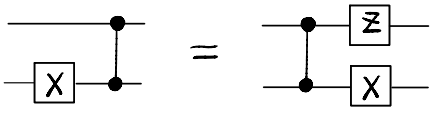
R_{14} : 

Lem A3

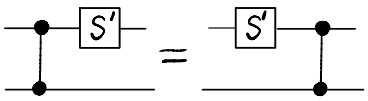
$\equiv$ **R_{14}^1 : (1)** 

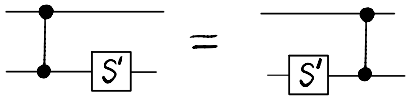
(2) 

(3) 

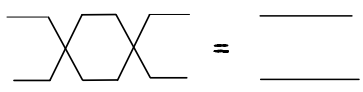
(4) 

Lem H

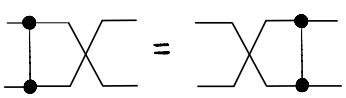
R_{15} : (1) 

(2) 

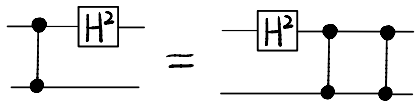
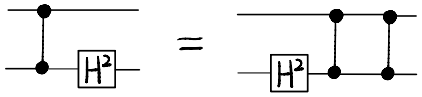
Lem E

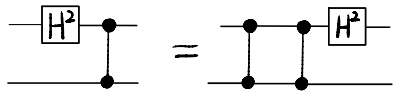
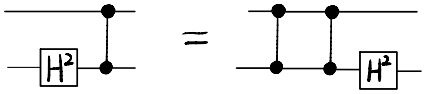
R_{16} : 

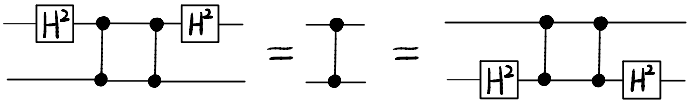
Lem W

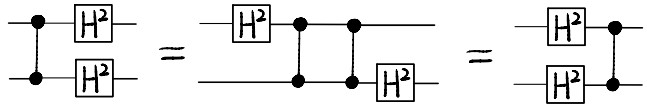
R_{17} : 

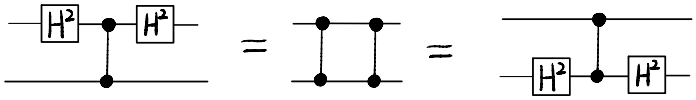
Lem T

C_8 : (1)  (2) 

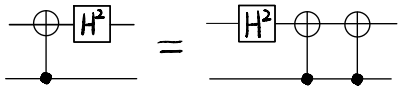
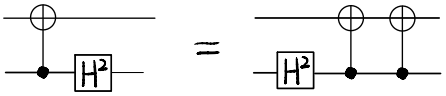
C_8^1: (1)  (2) 

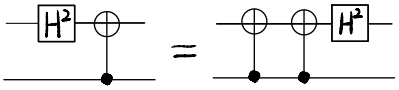
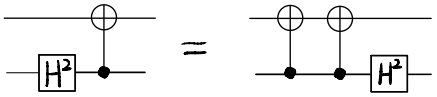
C_8^2: 

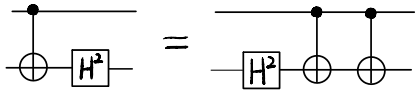
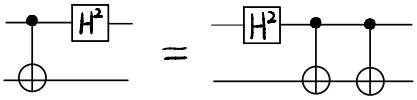
C_8^3: 

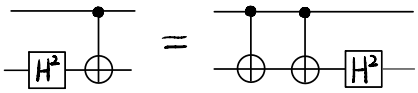
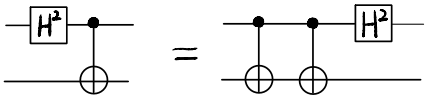
C_8^4: 

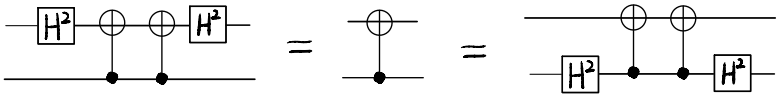
Lem D

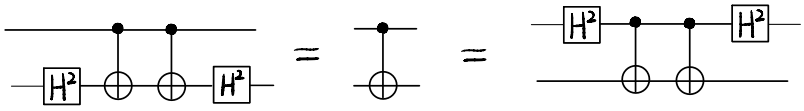
C_8^5: (1)  (2) 

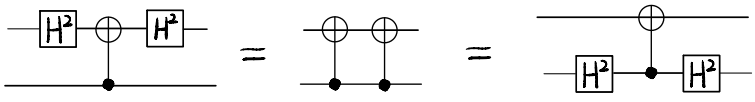
C_8^6: (1)  (2) 

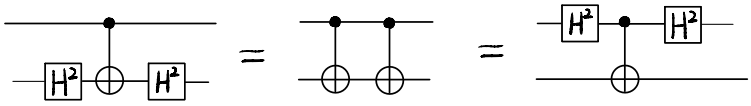
C_8^7: (1)  (2) 

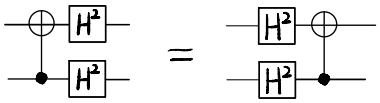
C_8^8: (1)  (2) 

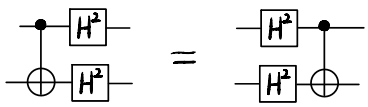
C_8^9: 

C_8^{10}: 

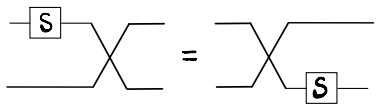
C_8^{11}: 

C_8^{12}: 

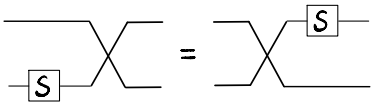
C_8^{13}: 

C_8^{14}: 

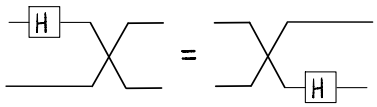
Lem O

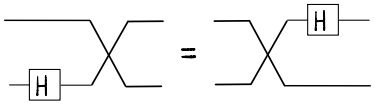
R_{18}: (1) 

Lem S

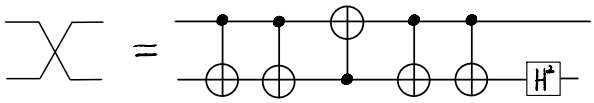
(2) 

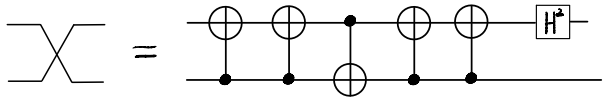
Lem A

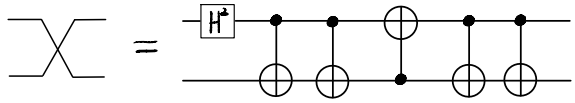
R_{19}: (1) 

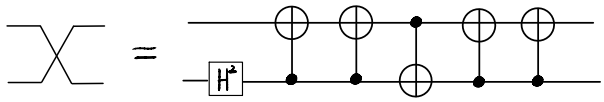
(2) 

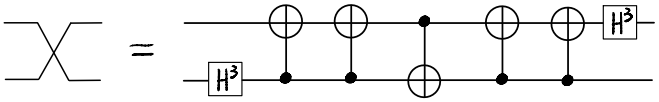
Lem B

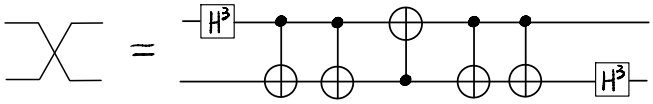
Def 4: 

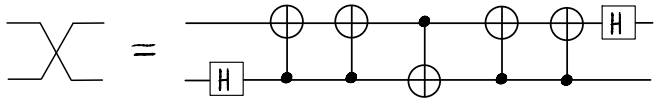
Def 5: 

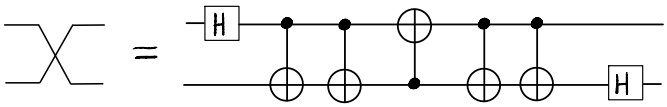
Def 6: 

Def 7: 

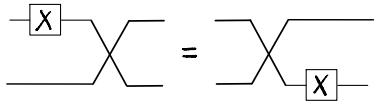
Def 8: 

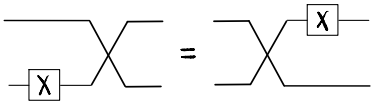
Def 9: 

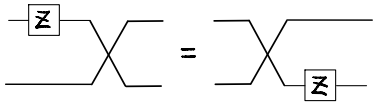
Def 10: 

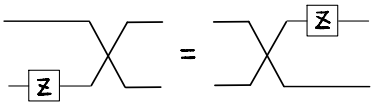
Def 11: 

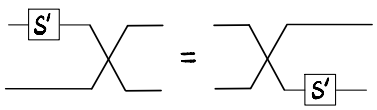
Lem P

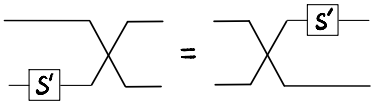
R_{20}: (1) 

(2) 

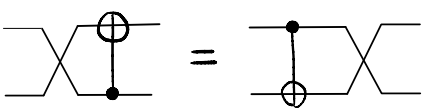
R_{21}: (1) 

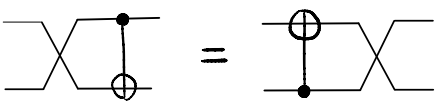
(2) 

R_{22}: (1) 

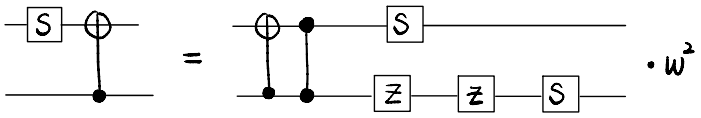
(2) 

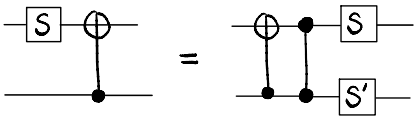
Prop 1 & Cor 1

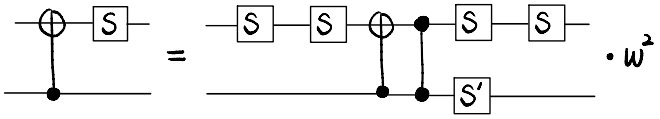
R_{31}: (1) 

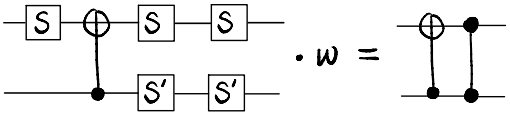
(2) 

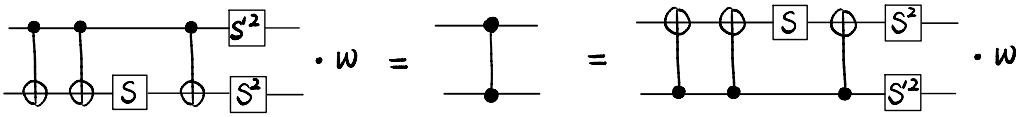
Lem K

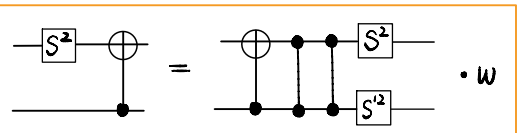
R_{23}:  $\cdot w^2$

$\equiv R^1_{23}$:  $\cdot w^2$

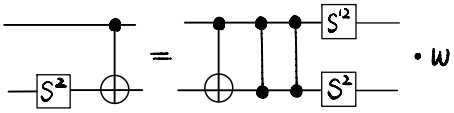
$\equiv R^2_{23}$:  $\cdot w^2$

$\equiv R^3_{23}$: 

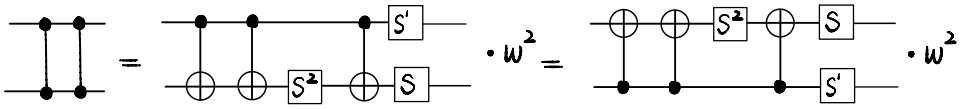
$\equiv R^7_{23}$:  $\cdot w$

R^{8}_{23}:  $\cdot w$

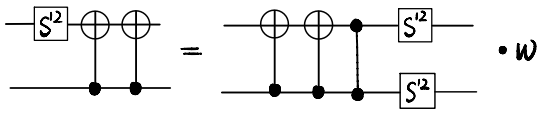
Lem B1

$R^{8'}_{23}$:  $\cdot w$

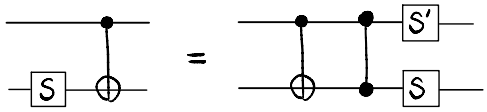
Lem B31

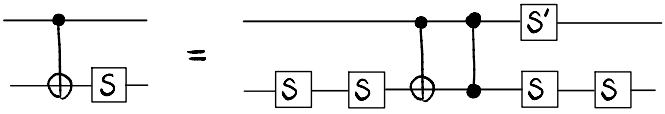
R^{15}_{23}:  $\cdot w^2$ $\cdot w^2$

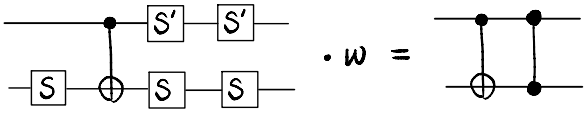
Lem B36

R^{16}_{23}:  $\cdot w$

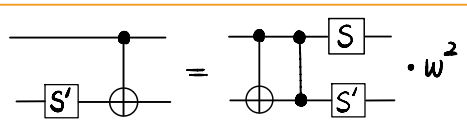
Lem B42

R^{4}_{23}:  $\cdot w^2$

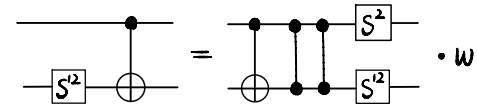
$\equiv R^5_{23}$:  $\cdot w^2$

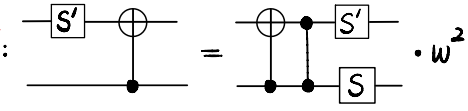
$\equiv R^6_{23}$:  $\cdot w$

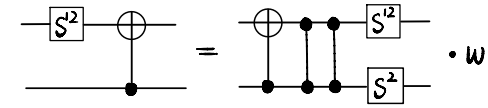
Lem L

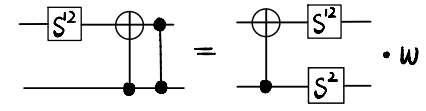
R^{10}_{23}:  $\cdot w^2$

Lem B28

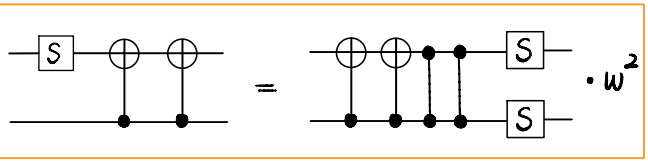
R^{11}_{23}:  $\cdot w$

R^{12}_{23}:  $\cdot w^2$

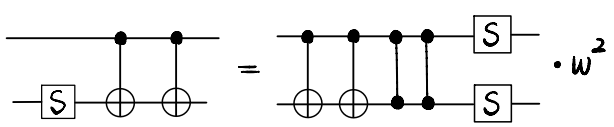
R^{13}_{23}:  $\cdot w$

R^{14}_{23}:  $\cdot w$

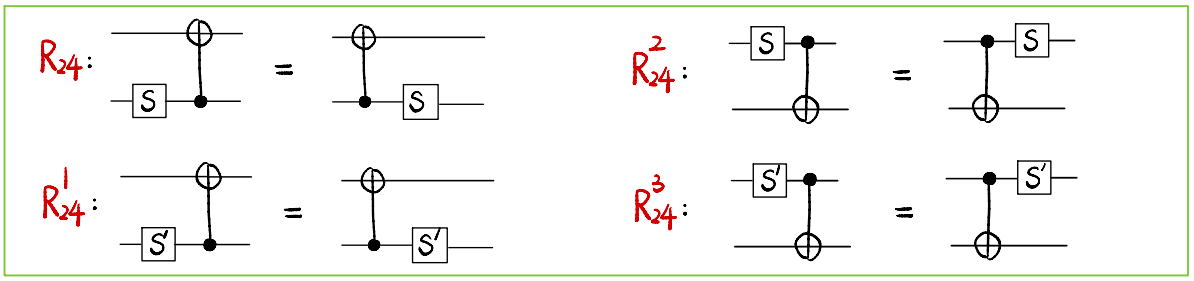
Lem B35

R^{9}_{23}:  $\cdot w^2$

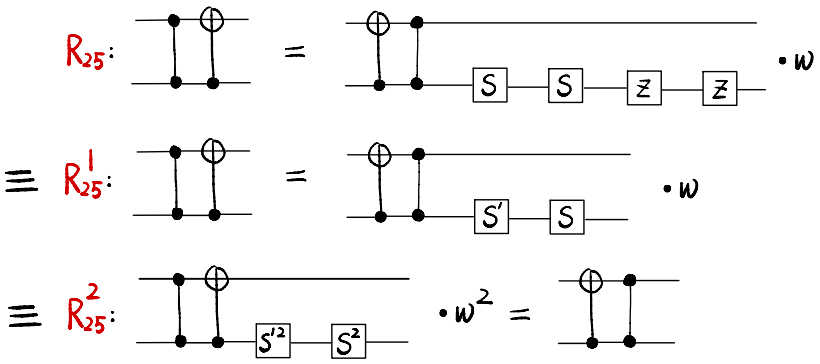
Lem B5

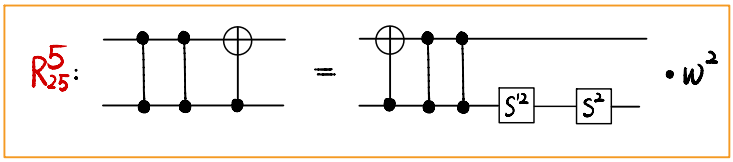
$R^{9'}_{23}$:  $\cdot w^2$

Lem B25

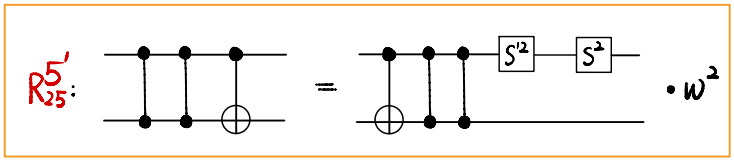


Lem I

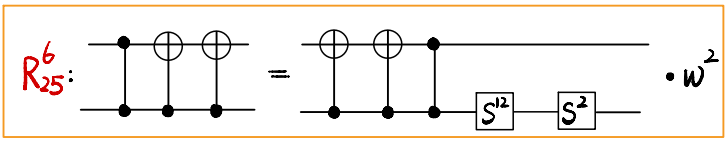




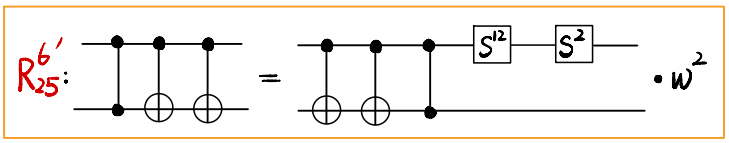
Lem B2



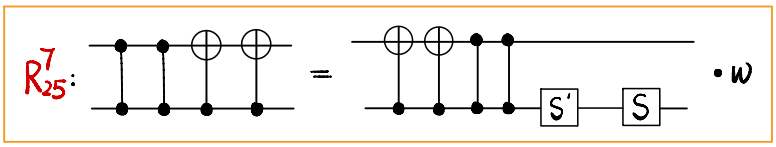
Lem B21



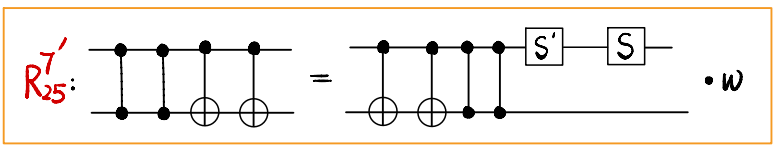
Lem B4



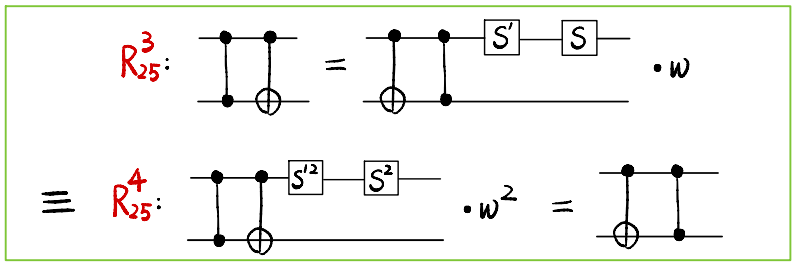
Lem B30



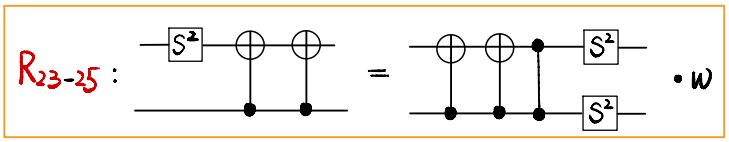
Lem B7



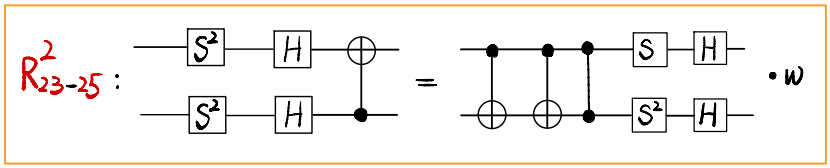
Lem B40



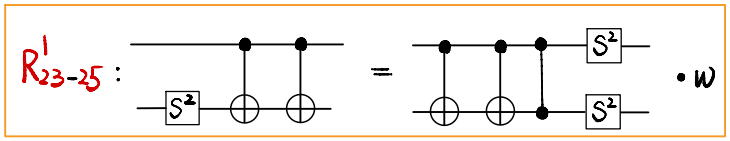
Lem M



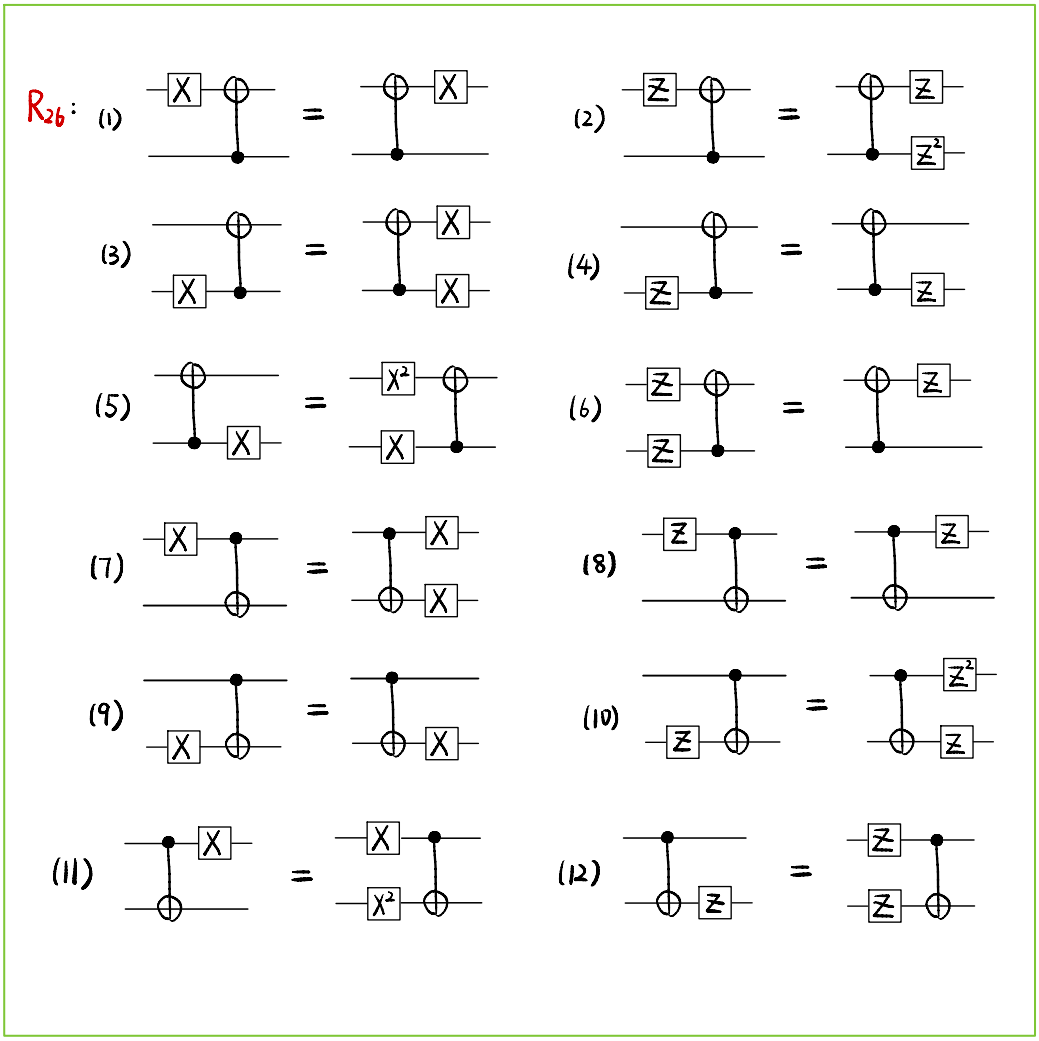
Lem B3



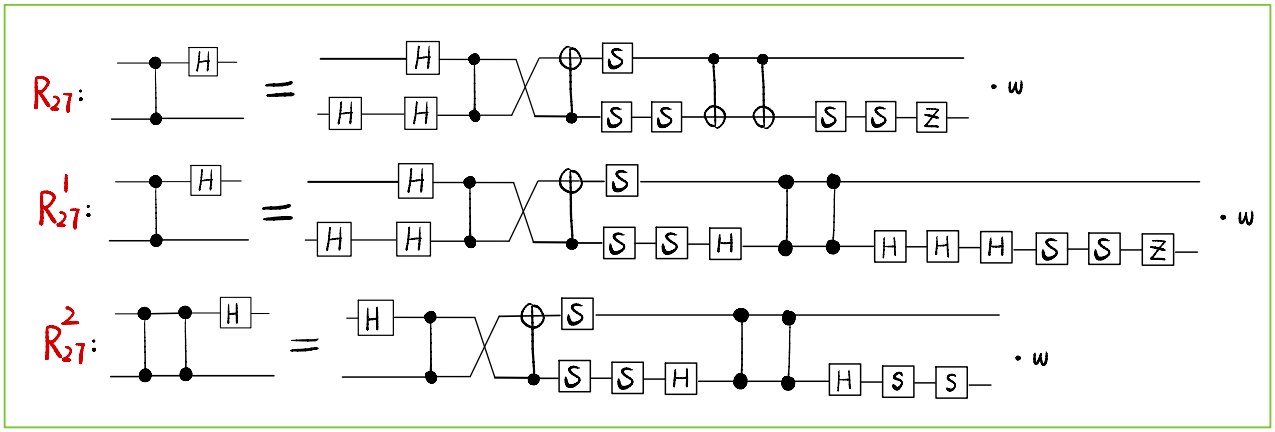
Lem B29



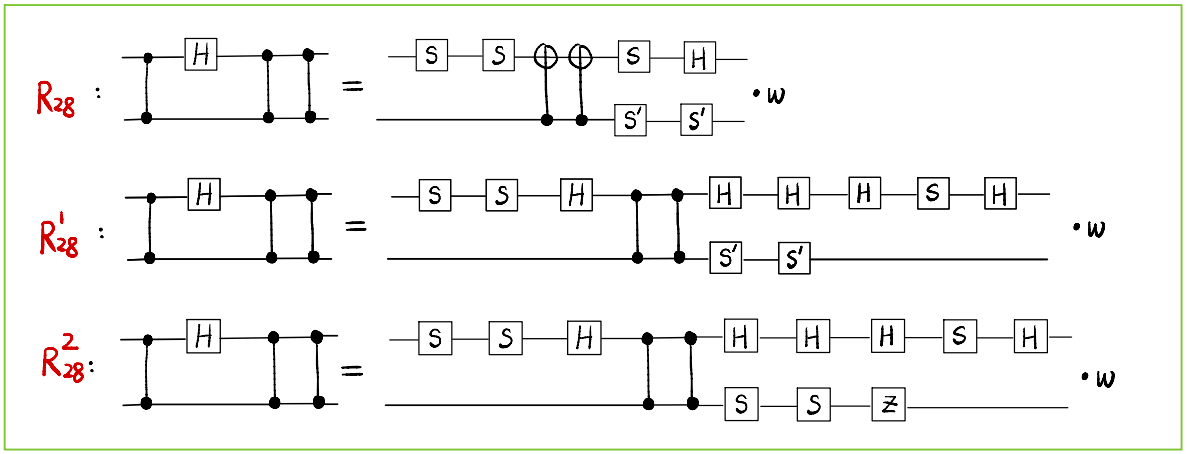
Lem B17



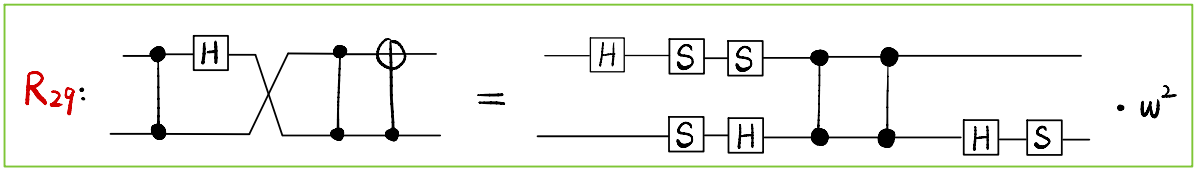
Lem J



Lem Q

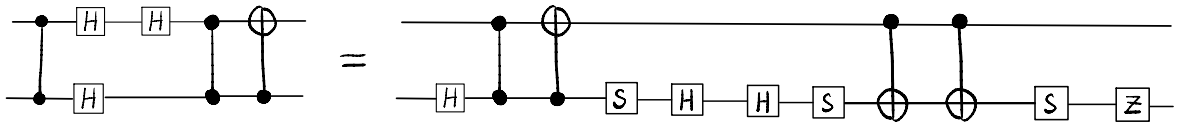


Lem R

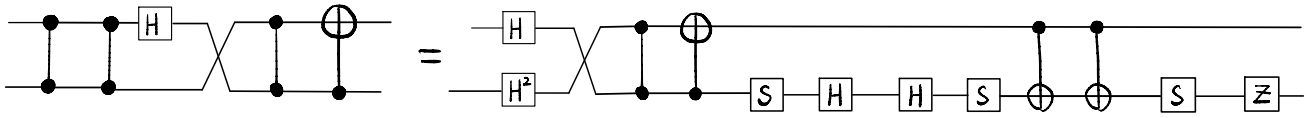


Lem U

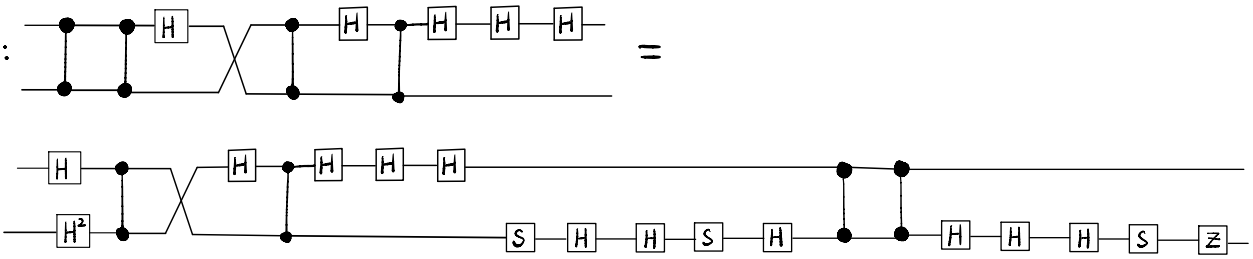
R_{30}:



R_{30}^1:

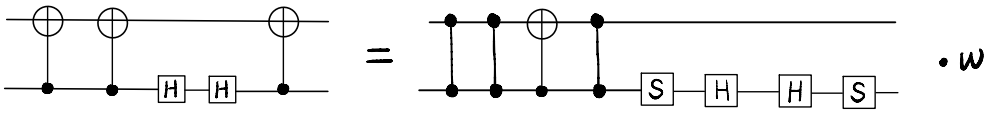


R_{30}^2:



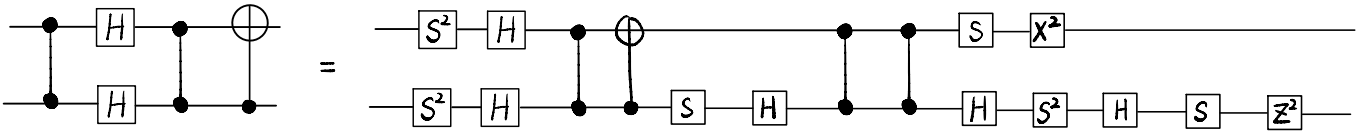
LemV & LemV'

R_{33}:



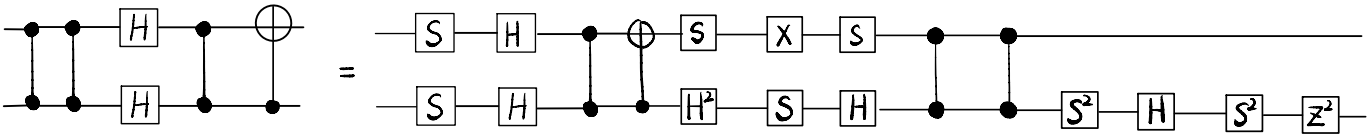
LemX

R_{34}:



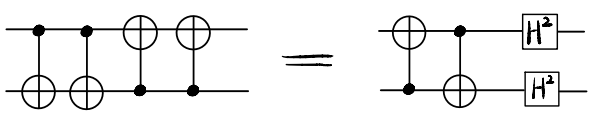
LemY

R_{35}:

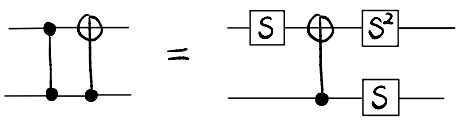


LemZ

R_{36}:

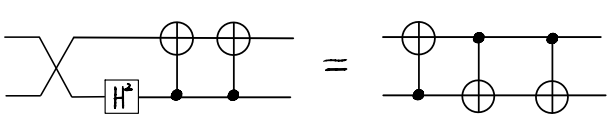


R_{37}:



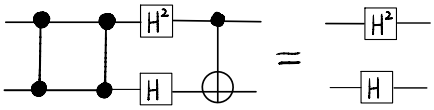
Lem A1

R_{38}:

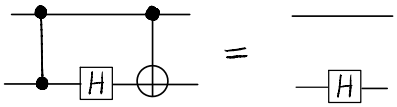


Lem A2

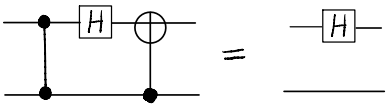
R_{32} :



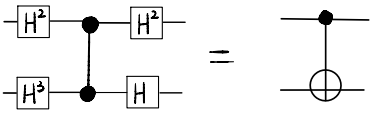
R_{32}^{1} :



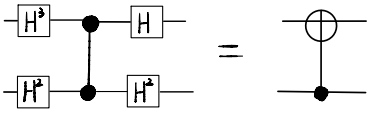
R_{32}^{2} :



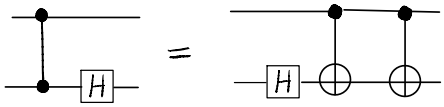
R_{32}^{3} :



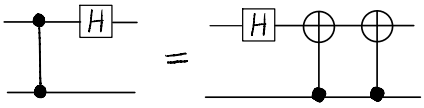
R_{32}^{4} :



R_{32}^{5} :

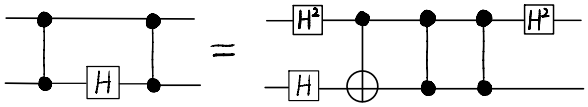


R_{32}^{6} :

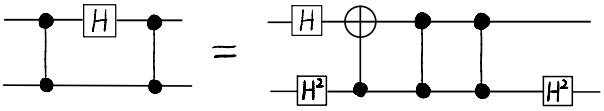


Lem N

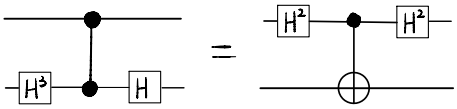
R_{32}^{7} :



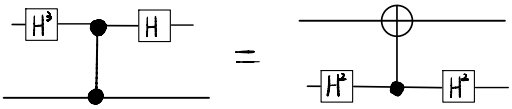
R_{32}^{8} :



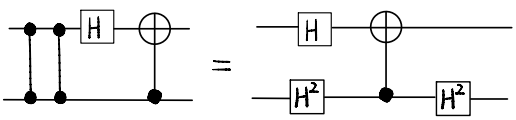
R_{32}^{9} :



R_{32}^{10} :



R_{32}^{11} :



R_{32}^{12} :