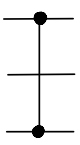
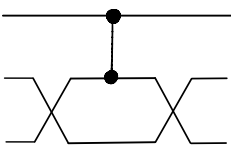
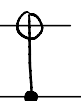
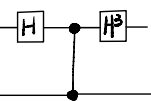
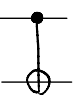
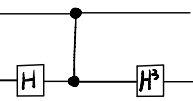
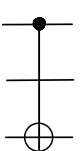
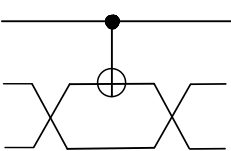
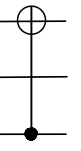
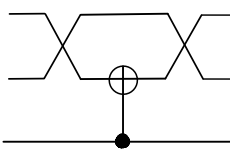



Def 5:  := 

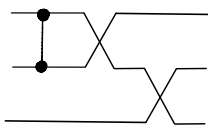
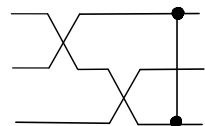
Def 2:  := 

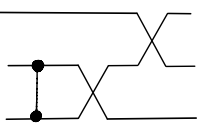
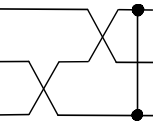
Def 4:  := 

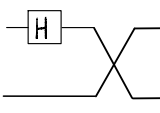
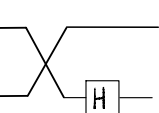
Def 6:  := 

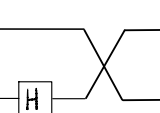
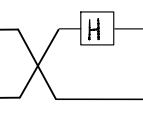
Def 7:  := 

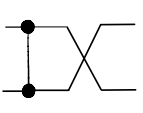
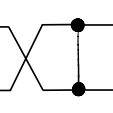
R<sub>16</sub>:  = 

C<sub>15</sub><sup>2</sup>:  = 

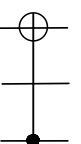
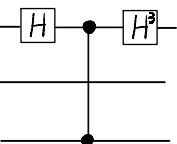
C<sub>15</sub><sup>4</sup>:  = 

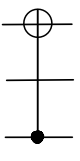
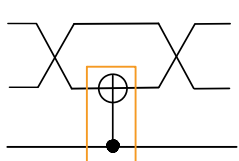
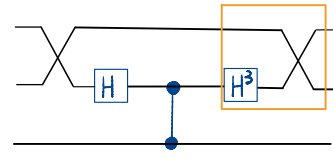
R<sub>19</sub>:  = 

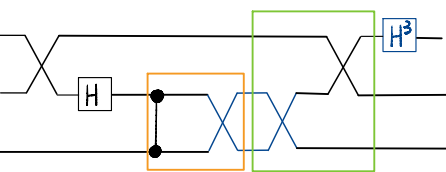
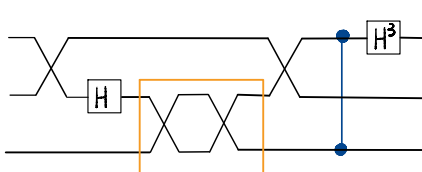
 = 

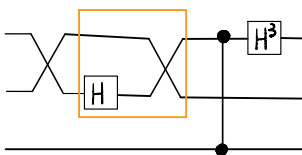
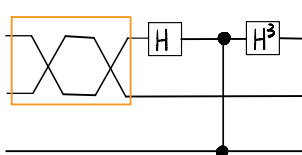
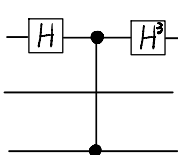
R<sub>17</sub>:  = 

Lem D Def 2, Def 7, C<sub>15</sub><sup>2</sup>, R<sub>16</sub>, R<sub>17</sub> & R<sub>19</sub> imply

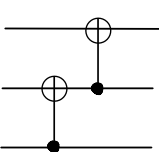
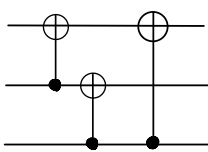
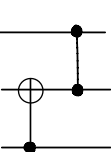
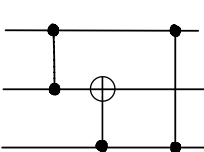
 = 

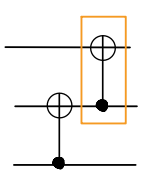
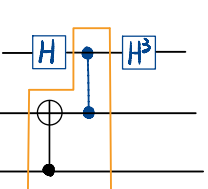
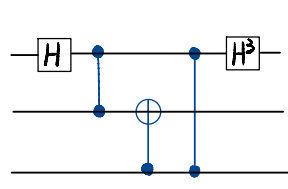
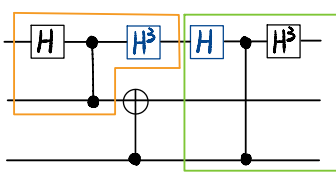
Proof:   $\stackrel{\text{Def 7}}{=}$    $\stackrel{\text{Def 2}}{=}$  

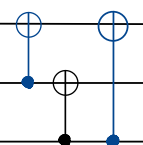
$\stackrel{R_{16}}{=} \stackrel{R_{19}}{=}$    $\stackrel{R_{17}}{=} \stackrel{C_{15}^4}{=}$  

$\stackrel{R_{16}}{=} \stackrel{R_{19}}{=}$    $\stackrel{R_{19}}{=}$    $\stackrel{R_{16}}{=}$  



Lem B43 C<sub>16</sub><sup>34</sup>:  =  is a variant of C<sub>16</sub><sup>2</sup>:  = 

Proof: C<sub>16</sub><sup>34</sup> · LHS :=   $\stackrel{\text{Def 2}}{=}$    $\stackrel{C_{16}^2}{=}$    $\stackrel{C_2}{=}$  

$\stackrel{\text{Def 2}}{=}$   =: C<sub>16</sub><sup>34</sup> · RHS

