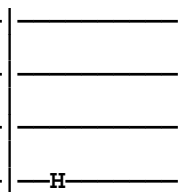


1. init(1)

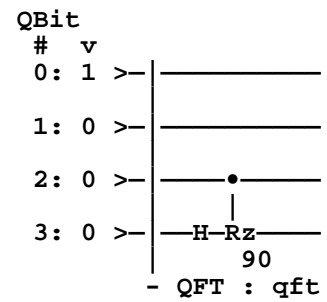
QBit
v
0: 1 >-
1: 0 >-
2: 0 >-
3: 0 >-

2. H(#3)

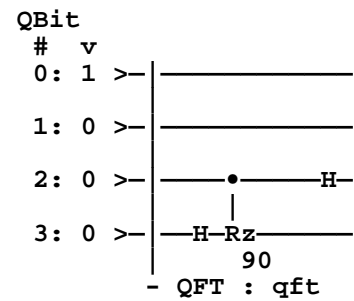
QBit
v
0: 1 >-
1: 0 >-
2: 0 >-
3: 0 >-
- QFT : qft



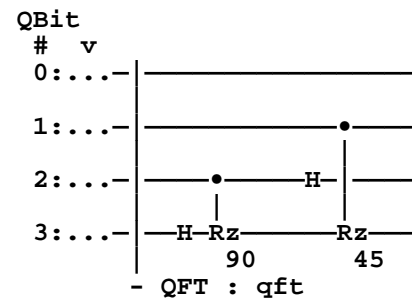
3. $C(Rz(\#3, 90.0), \#2)$



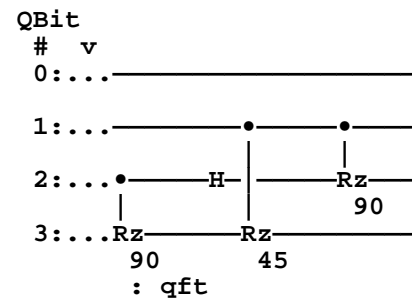
4. $H(\#2)$



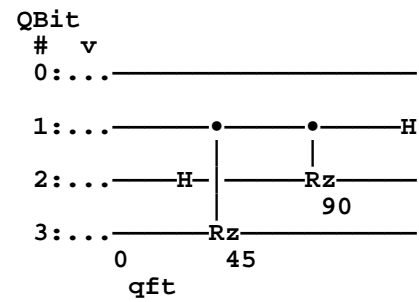
```
5. C(Rz(#3,45.0), #1)
```



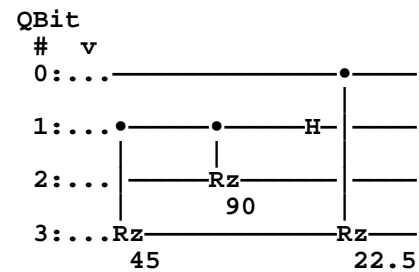
```
6. C(Rz(#2,90.0), #1)
```



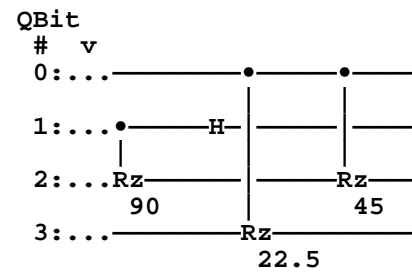
7. H(#1)



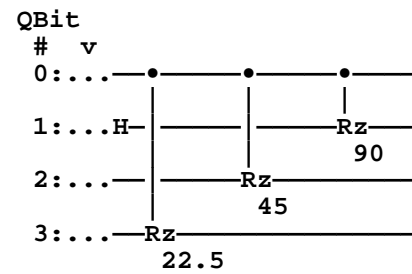
8. C(Rz(#3,22.5), #0)



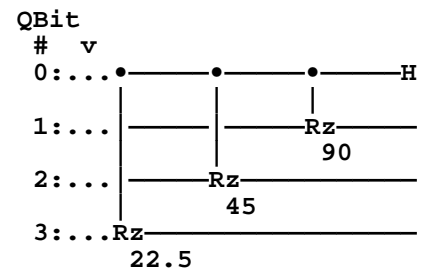
9. $C(Rz(\#2, 45.0), \#0)$



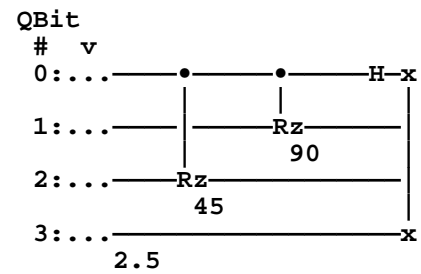
10. $C(Rz(\#1, 90.0), \#0)$



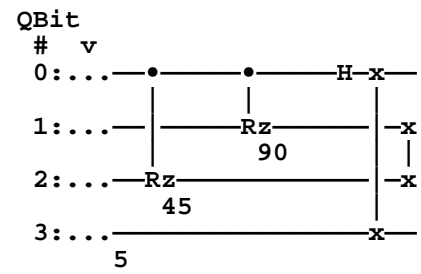
11. $H(\#0)$



12. $\text{Swap}(\#0, \#3)$



13. Swap(#1,#2)



14. F(QFT qft)

