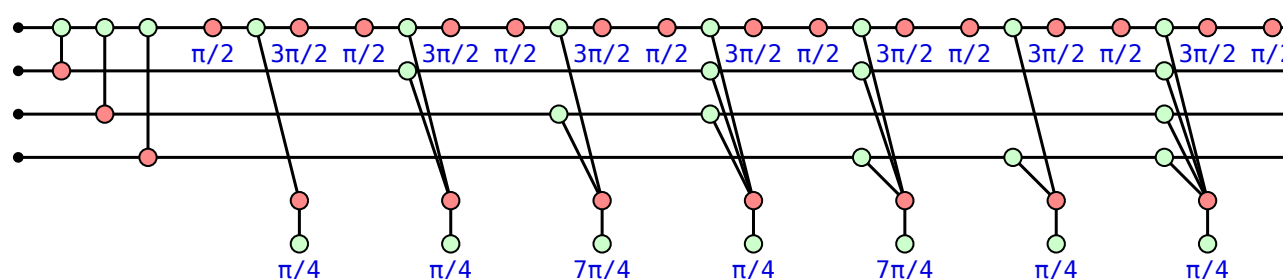


```
[53]: circuit.apply(CX(0, 3), draw=False)
circuit.apply(CX(0, 2), draw=False)
circuit.apply(CX(0, 1), draw=True)
```



```
• [6]: #####
%cd /Users/ayman/Documents/Dev/zxfermion
%load_ext autoreload
%autoreload 2

import json
import pyzx as zx
import numpy as np
from copy import copy, deepcopy
from itertools import combinations

from zxfermion.gates import *
from zxfermion.tableaus import Tableau
from zxfermion.graphs import BaseGraph, GadgetGraph
from zxfermion.circuits import GadgetCircuit
```

/Users/ayman/Documents/Dev/zxfermion

The autoreload extension is already loaded. To reload it, use: