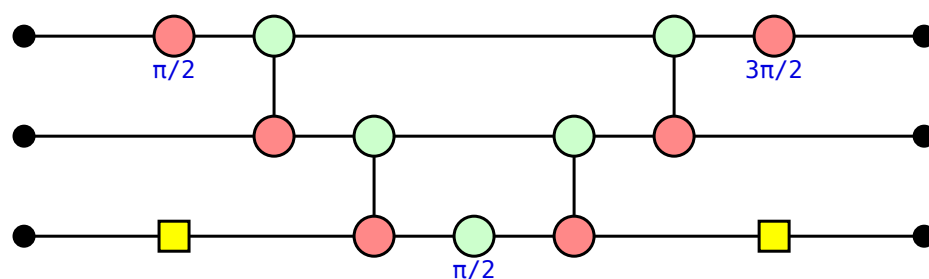


```
[30]: gadget = Gadget('YZX', phase=1/2, as_gadget=False)
      gadget.graph.draw(labels=False)
```



```
• [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
```