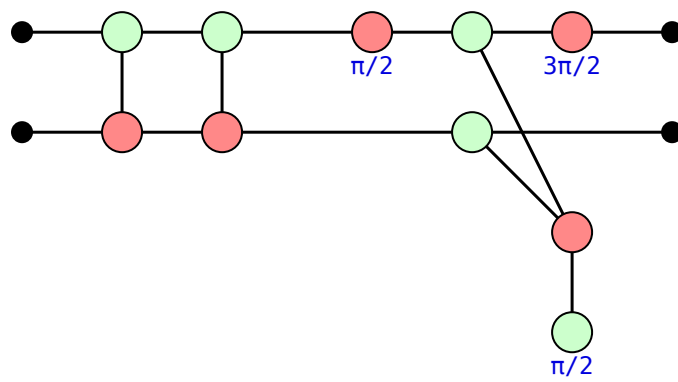


```
[83]: cliff = CX(0, 1)
      gadget = Gadget('YZ', phase=1/2)
      circuit = GadgetCircuit([gadget])
      circuit.apply(cliff, start=0, end=0, draw=True)
```



```
• [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
```