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Code ∨                              JupyterLab ⬈        Python 3 (ipykernel) ○
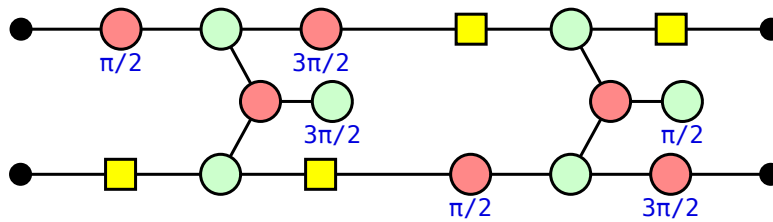
```
[55]: gadget1 = Gadget('YX', phase=-1/2)
      gadget2 = Gadget('XY', phase=1/2)
      circuit = GadgetCircuit([gadget1, gadget2])
      circuit.draw()
```



```
[5]: ##################################################################################
     %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
```