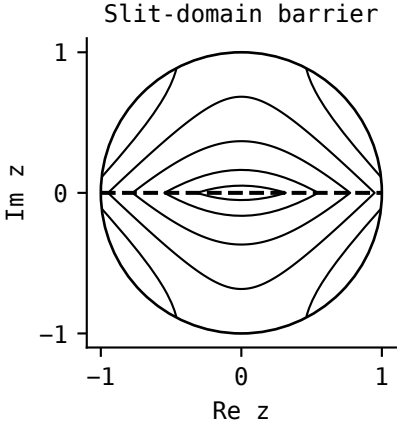
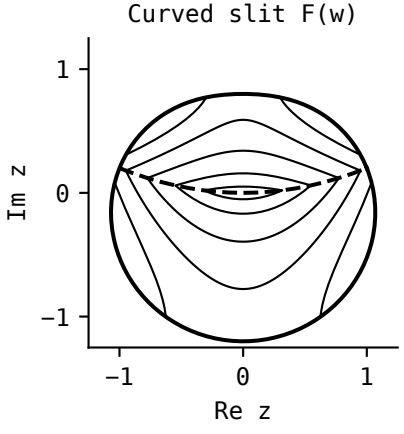
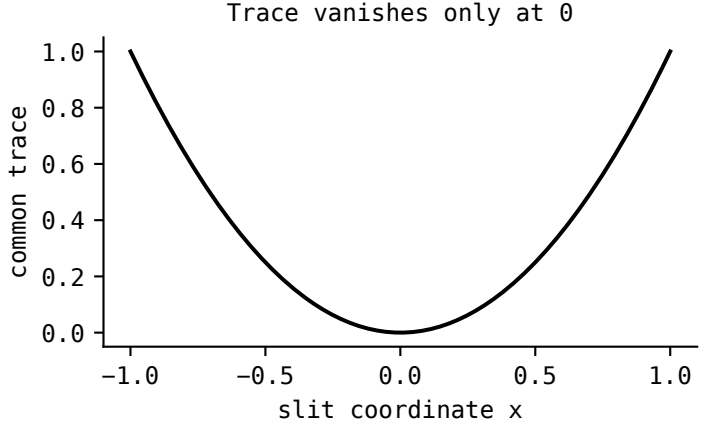
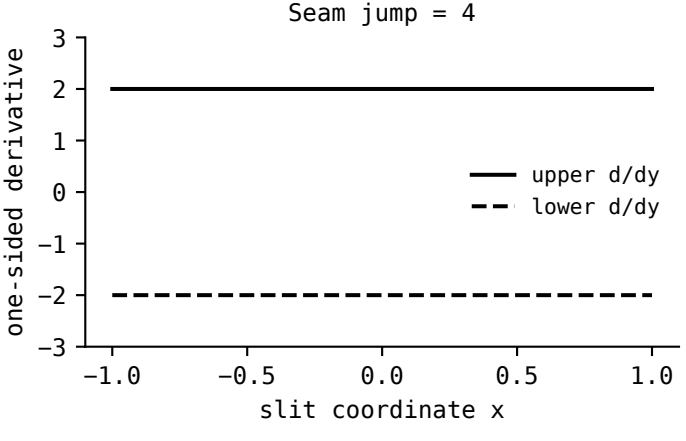

Slit-domain barrier
Im z
Re z
1
0
−1
−1
0
1


Curved slit F(w)
Im z
Re z
1
0
−1
−1
0
1


Trace vanishes only at 0
common trace
slit coordinate x
1.0
0.8
0.6
0.4
0.2
0.0
−1.0
−0.5
0.0
0.5
1.0


Seam jump = 4
one-sided derivative
slit coordinate x
upper d/dy
lower d/dy
3
2
1
0
−1
−2
−3
−1.0
−0.5
0.0
0.5
1.0