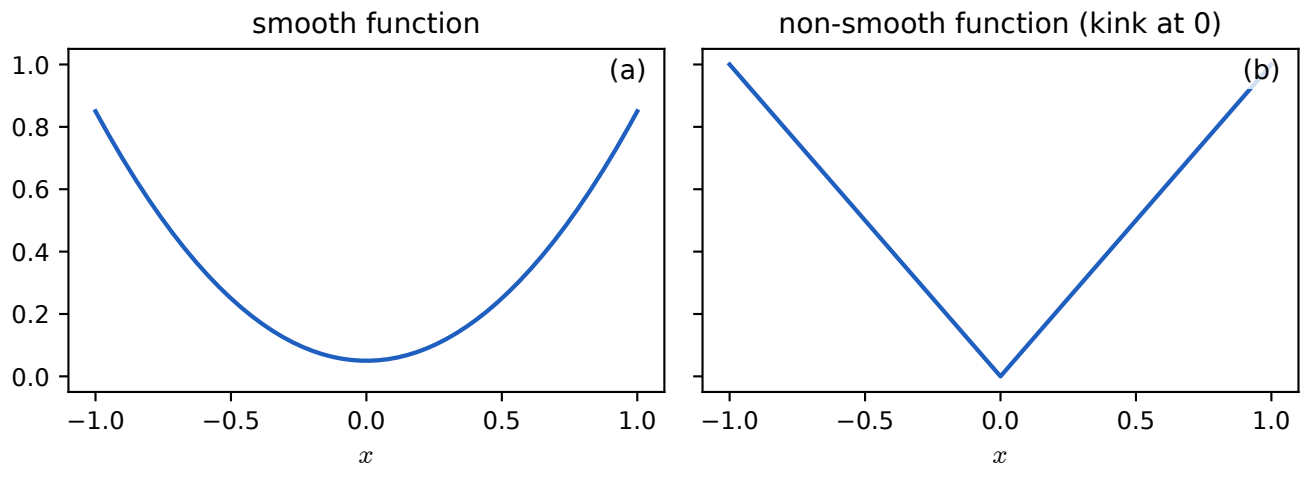

smooth function
(a)
1.0
0.8
0.6
0.4
0.2
0.0
−1.0
−0.5
0.0
0.5
1.0
x
non-smooth function (kink at 0)
(b)
−1.0
−0.5
0.0
0.5
1.0
x