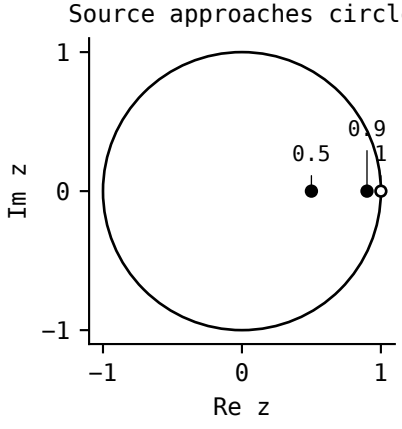
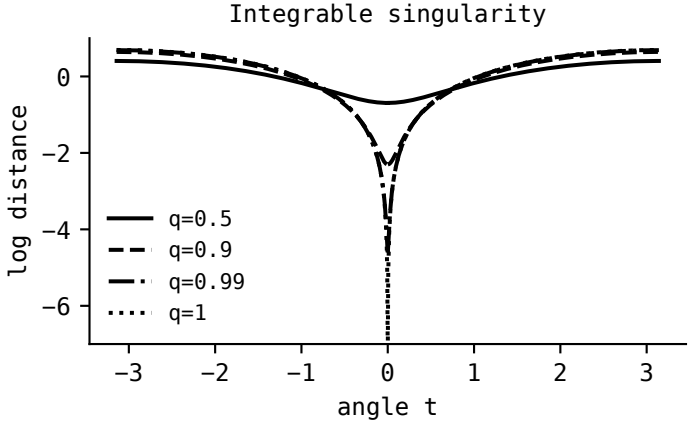
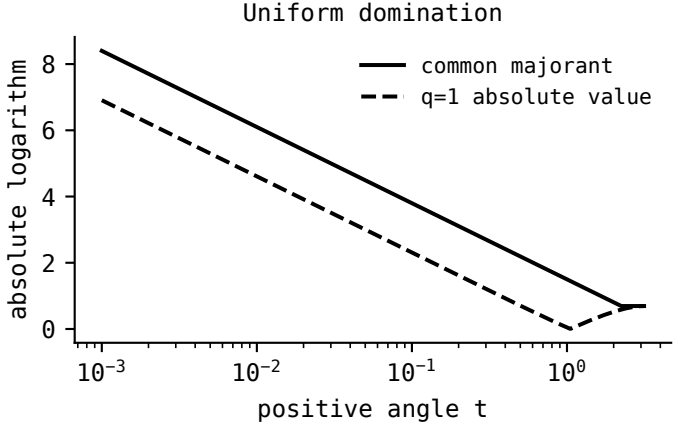
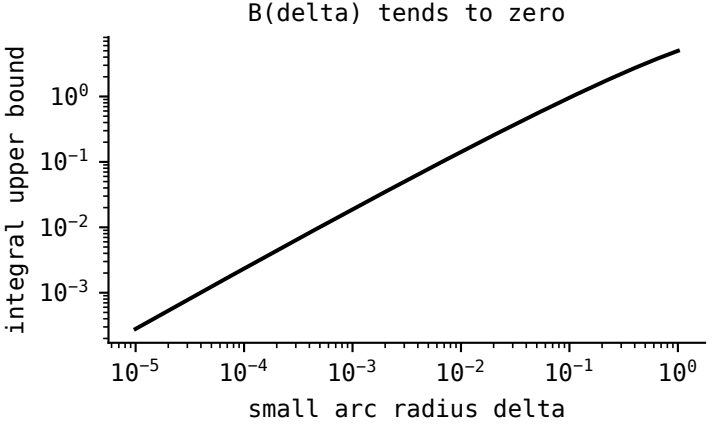

Source approaches circle
Im z
Re z
0.5
0.9
1
1
0
−1
−1
0
1


Integrable singularity
log distance
angle t
q=0.5
q=0.9
q=0.99
q=1
0
−2
−4
−6
−3
−2
−1
0
1
2
3


Uniform domination
absolute logarithm
positive angle t
common majorant
q=1 absolute value
8
6
4
2
0
10^{-3}
10^{-2}
10^{-1}
10^{0}


B(delta) tends to zero
integral upper bound
small arc radius delta
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}