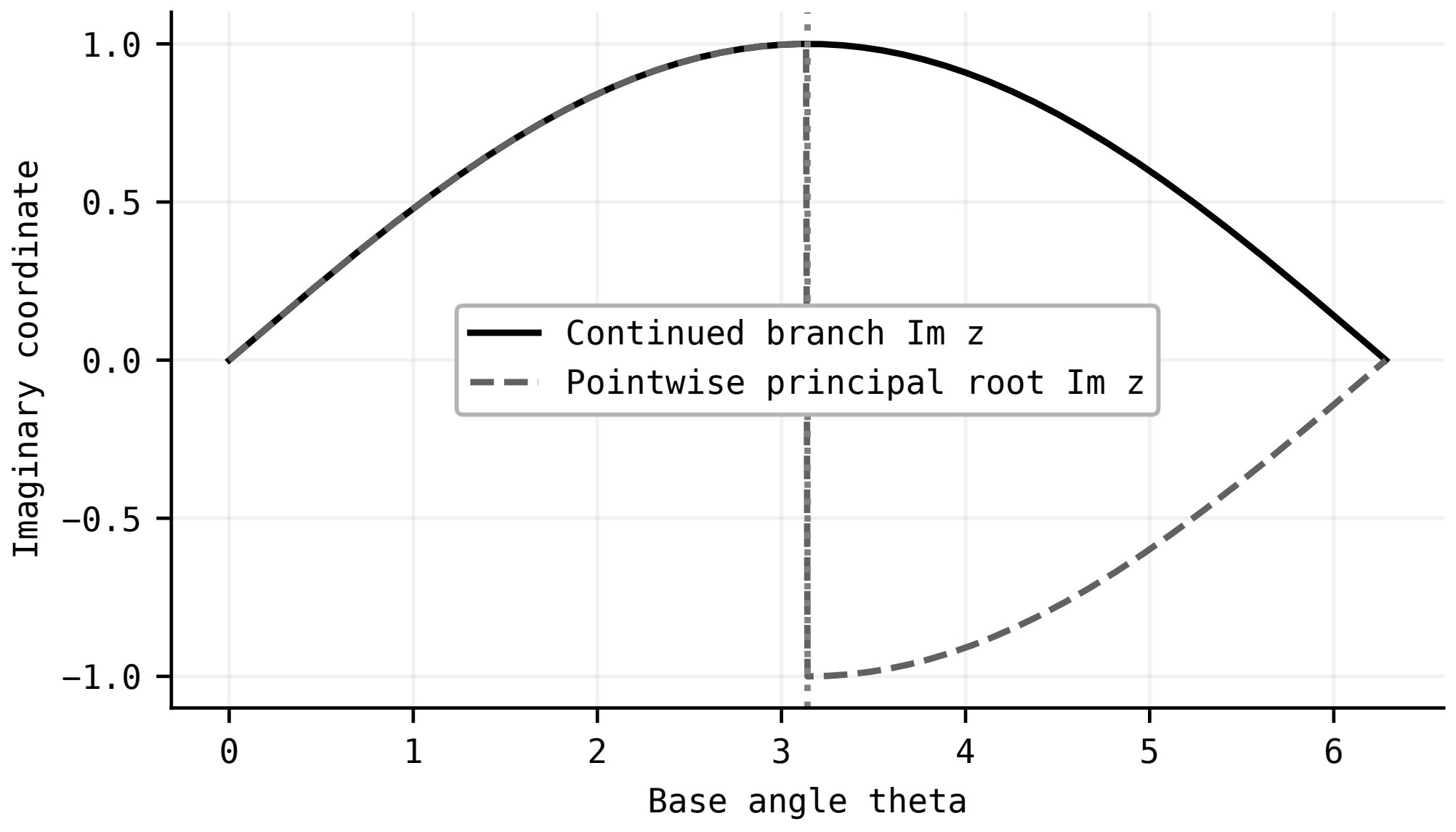

1.0
0.5
0.0
−0.5
−1.0
Imaginary coordinate
0
1
2
3
4
5
6
Base angle theta
Continued branch Im z
Pointwise principal root Im z