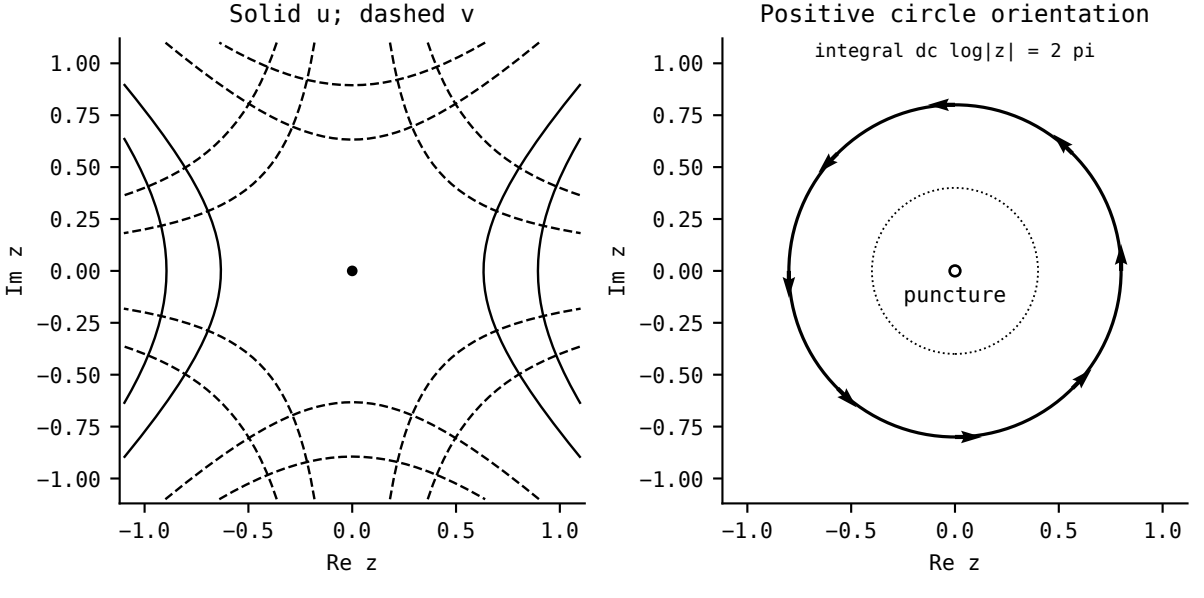

Solid u; dashed v
Im z
Re z
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−1.0
−0.5
0.0
0.5
1.0
Positive circle orientation
integral dc log|z| = 2 pi
puncture