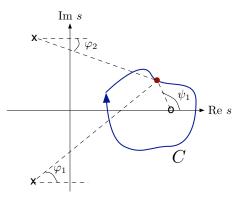
Case 1: Contour Encircles a Zero

Suppose that C is a closed, \circlearrowright -oriented contour in \mathbb{C} that encircles a zero of H(s):



How does $\angle H(s)$ change as we go around C?