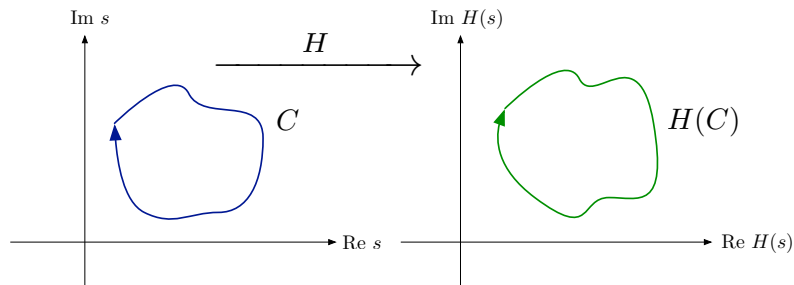# Transformation of a Closed Contour Under H

If we choose any closed curve (or *contour*) C on the left, it will get mapped by H to some other curve (contour) on the right:

Important: when working with contours in the complex plane, always keep track of the direction in which we traverse the contour (clockwise vs. counterclockwise)!!