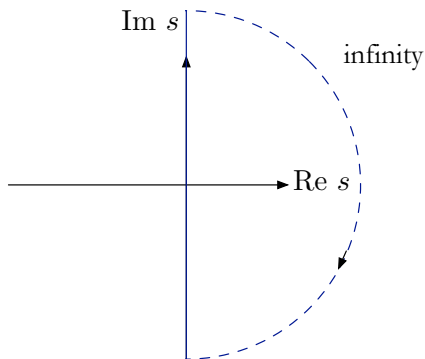


# From Argument Principle to Nyquist Criterion



Harry Nyquist  
(1889–1976)



With this choice of  $C$ ,

$$H(C) = \text{Nyquist plot of } H$$

(image of the imaginary axis under the map  
 $H : \mathbb{C} \rightarrow \mathbb{C}$ ; if  $H$  is strictly proper,  $0 = H(\infty)$ )