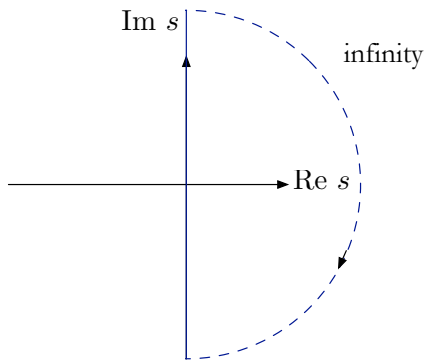# From Argument Principle to Nyquist Criterion

▶ We are interested in RHP poles, so let's choose a suitable contour C that *encloses the RHP*:

Harry Nyquist
(1889–1976)

▶ From now on, $C =$ imaginary axis plus the "path around infinity."

▶ If H is strictly proper, then $H(\infty) = 0$.