

# Applying the Nyquist Criterion

Workflow:

Bode  $M$  and  $\phi$ -plots  $\longrightarrow$  Nyquist plot

## Advantages of Nyquist over Routh–Hurwitz

- ▶ can work directly with experimental frequency response data (e.g., if we have the Bode plot based on measurements, but do not know the transfer function)
- ▶ less computational, more geometric (came 55 years after Routh)