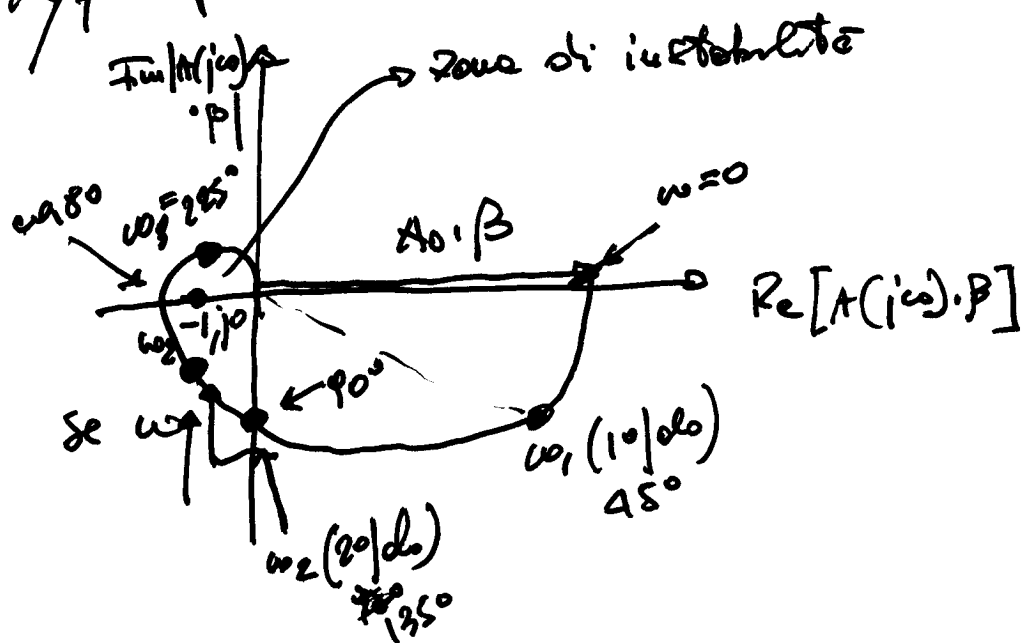


S. calcola conoscendo $A(j\omega)$ e β .
 ↳ dato sheet.

Nyquist plot.



$$\text{a } 180^\circ \Rightarrow \text{Im}[A(j\omega)\beta] < 0 \Rightarrow \text{Re}[A(j\omega)\beta] < 1$$

 Saylice modo per calcolare la stabilit .

- Studiare $A\beta$

$$\hookrightarrow 20 \log |A\beta| = 20 \log |A(j\omega)| - 20 \log \frac{1}{\beta}$$

$$\Rightarrow \text{proficre } 20 \log |A(j\omega)| \text{ e } 20 \log \frac{1}{\beta}$$

Esempio sappiamo $A(j\omega)$ con 3 poli.

$$A = \frac{10^5}{(1+j\omega/10^5)(1+j\omega/10^6)(1+j\omega/10^7)}$$