Nyquist Criterion: N

$$N = \#(\circlearrowleft \text{ encirclements of } 0 \text{ by Nyquist plot of } 1 + KG(s))$$
$$= \#(\circlearrowleft \text{ encirclements of } -1 \text{ by Nyquist plot of } KG(s))$$
$$= \#(\circlearrowleft \text{ encirclements of } -1/K \text{ by Nyquist plot of } G(s))$$
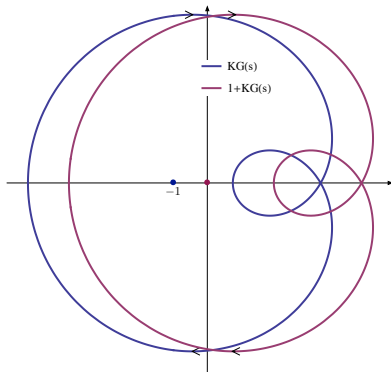
— can be read off the Nyquist plot of the *open-loop* t.f. G!!