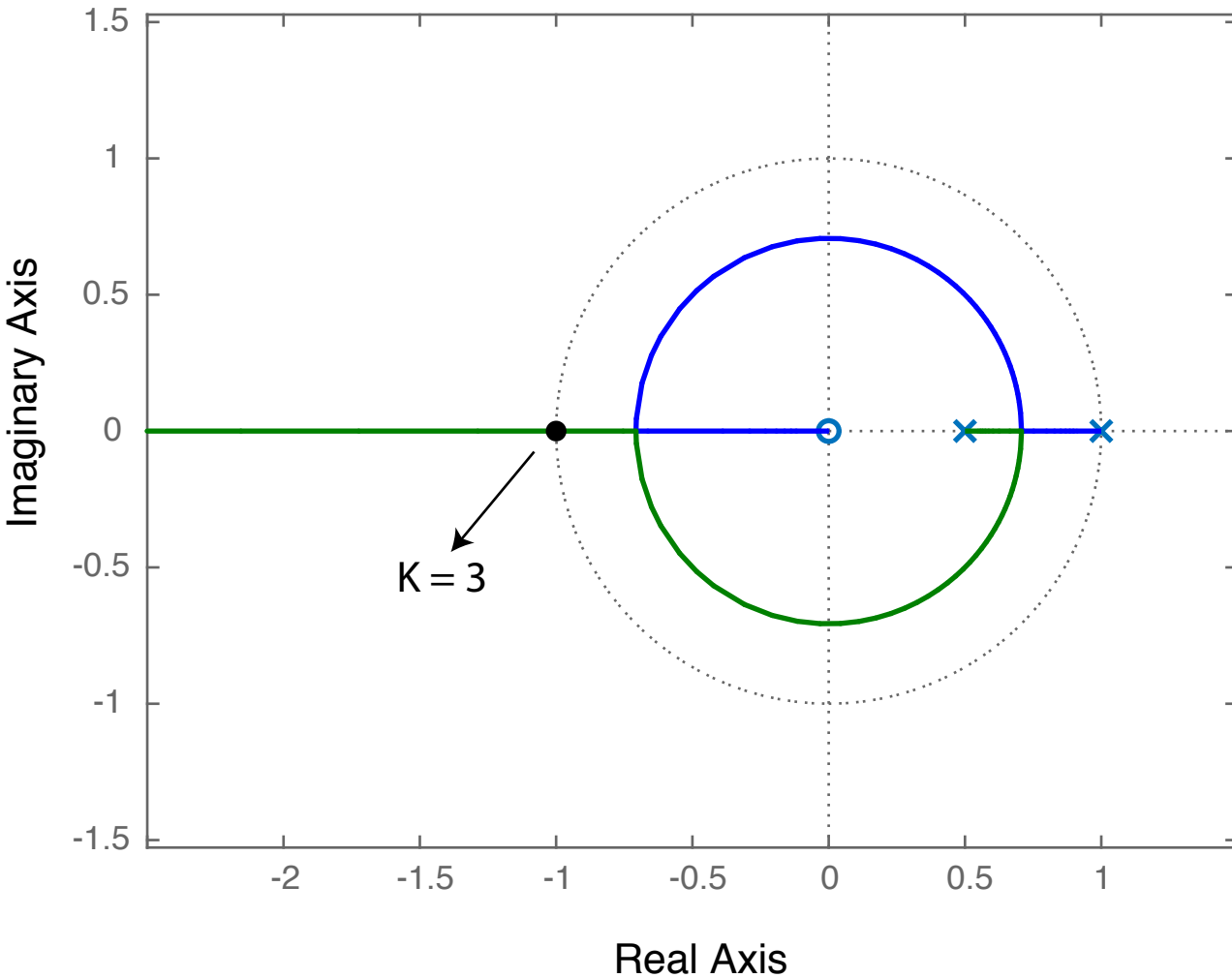


$$G_{OL}(z) = \frac{z}{(z - 0.5)(z - 1)}$$



$$\sigma_{ba} = \frac{\sqrt{2}}{2} \quad , \quad \sigma_{bi} = -\frac{\sqrt{2}}{2}$$

$$K = 0.086 \quad \quad K = 2.9$$