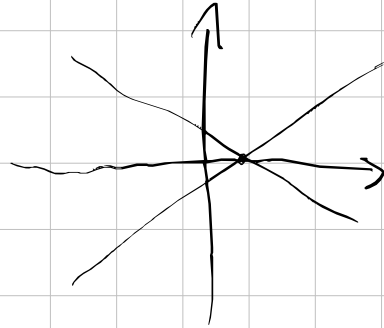# Ill - conditioning

$$\begin{cases} 0.780x + 0.563y = 0.217 \leftarrow r_1 \\ 0.913x + 0.659y = 0.254 \leftarrow r_2 \end{cases}$$

$$\text{cond}(f)(x) = \frac{|xf'(x)|}{|f(x)|}$$