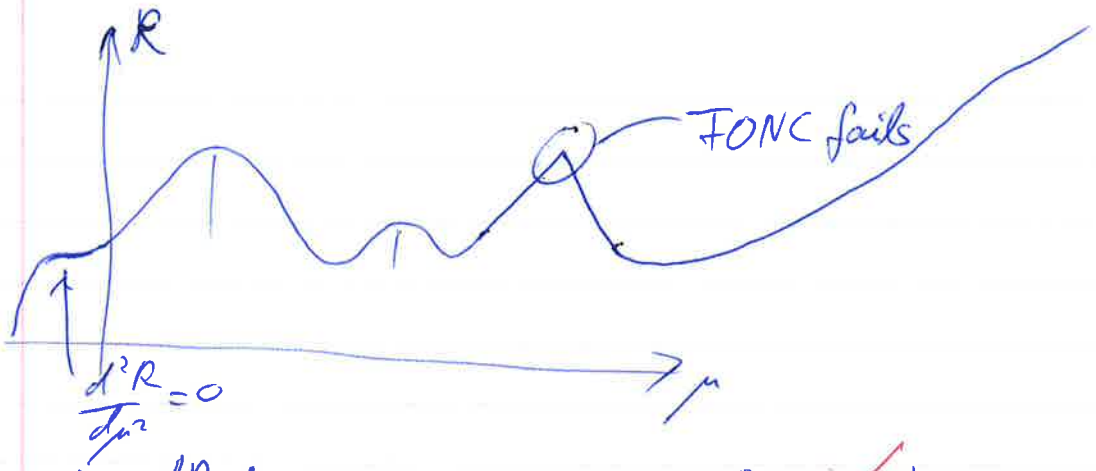

1. $\frac{dR}{d\mu} \overset{!}{=} 0$ & solve for $\hat{\mu} = \mu$. ("~~FONC~~")

2. $\left.\frac{d^2R}{d\mu^2}\right|_{\hat{\mu}} > 0 \Rightarrow \hat{\mu}$ is a local minimum ("~~SOSC~~")

   $\left.\frac{d^2R}{d\mu^2}\right|_{\hat{\mu}} < 0 \Rightarrow \hat{\mu}$ is a local maximum.

   $\left.\frac{d^2R}{d\mu^2}\right|_{\hat{\mu}} = 0 \Rightarrow$? could be saddle point