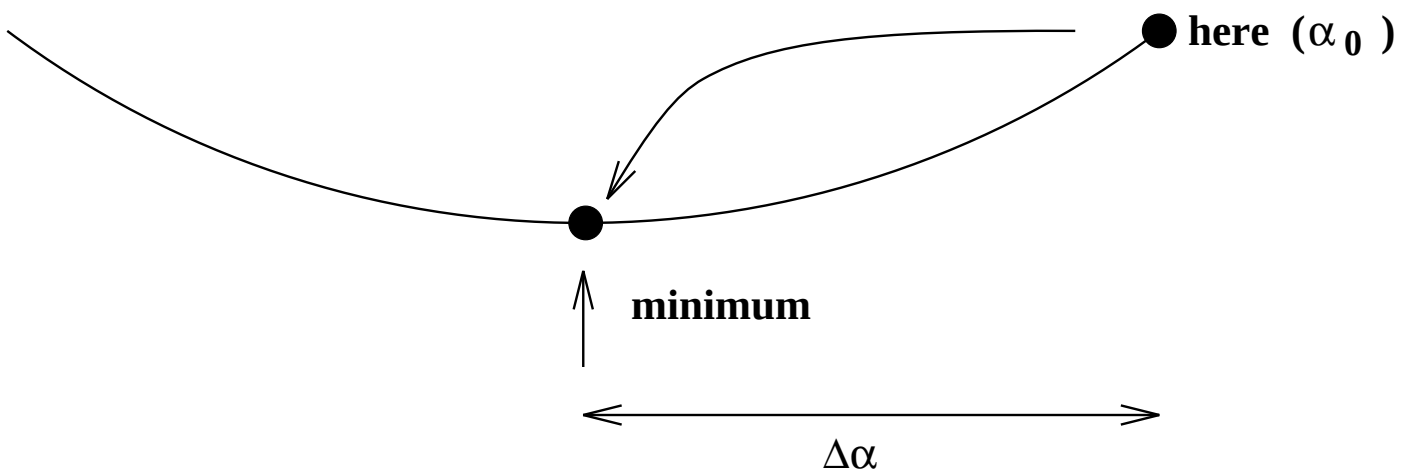
here ($\alpha_0$)
minimum
$\Delta\alpha$