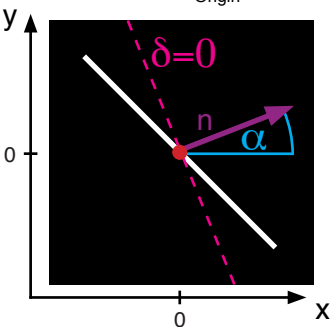


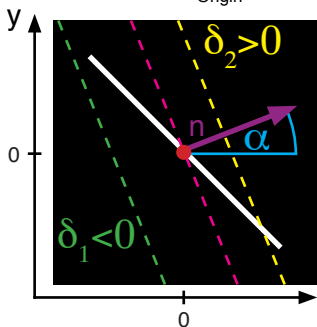
# Parametrization of projection line

$$\begin{pmatrix} x(t) \\ y(t) \end{pmatrix} = \begin{pmatrix} t \sin(\alpha) + \delta \cos(\alpha) \\ -t \cos(\alpha) + \delta \sin(\alpha) \end{pmatrix}$$

Distance  $\delta_{\text{Origin}} = 0$



Distance  $\delta_{\text{Origin}} \neq 0$



Radon transformed

