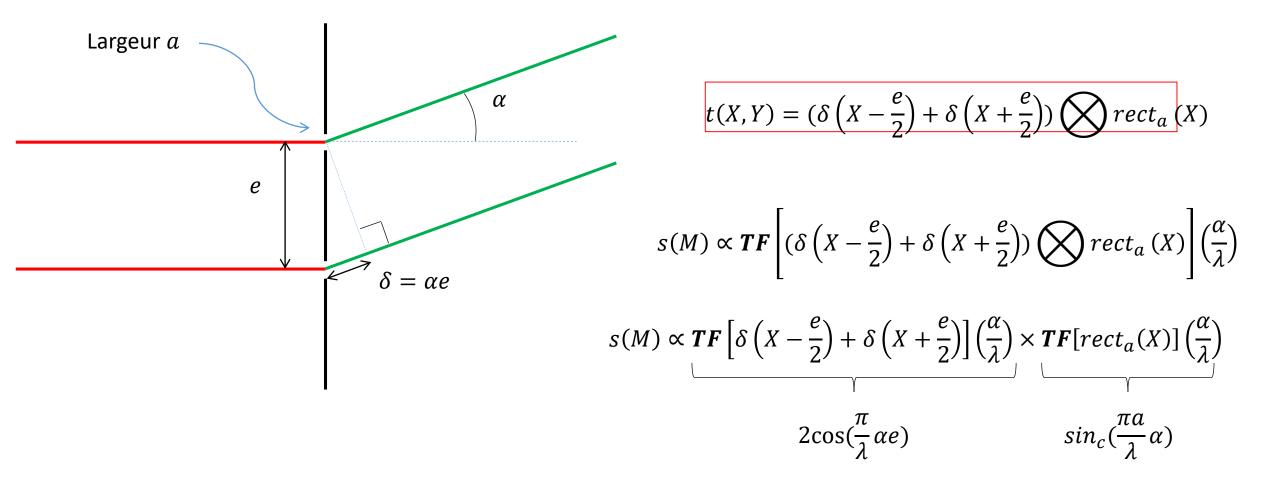
LP19: Diffraction de Fraunhofer

Diffraction de vagues rencontrant un obstacle



Figure de diffraction des fentes d'Young



$$I(M) \propto 2(1 + \cos(\frac{2\pi}{\lambda}\delta)) sin_c^2 \left(\frac{\pi a}{\lambda}\alpha\right) \xrightarrow[a \to 0]{} 2(1 + \cos(\frac{2\pi}{\lambda}\delta))$$

$$I(M) \xrightarrow[a \to 0]{} 2(1 + \cos(\frac{2\pi}{\lambda}\delta))$$

Formule de Fresnel