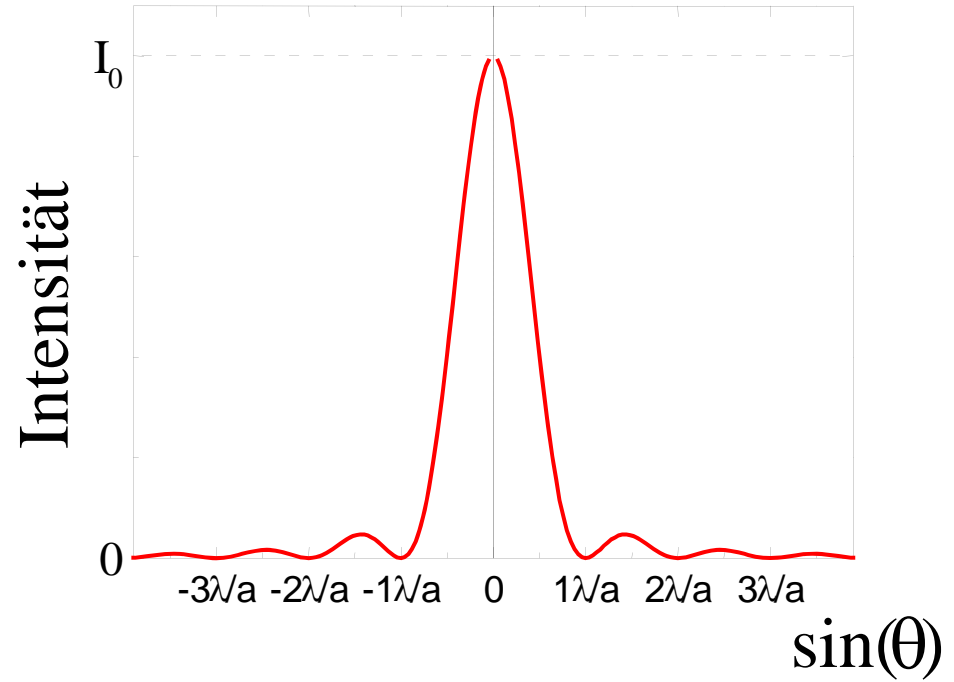
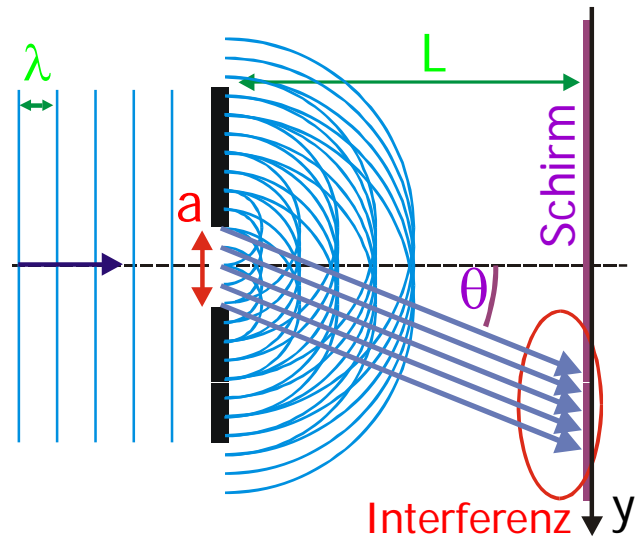
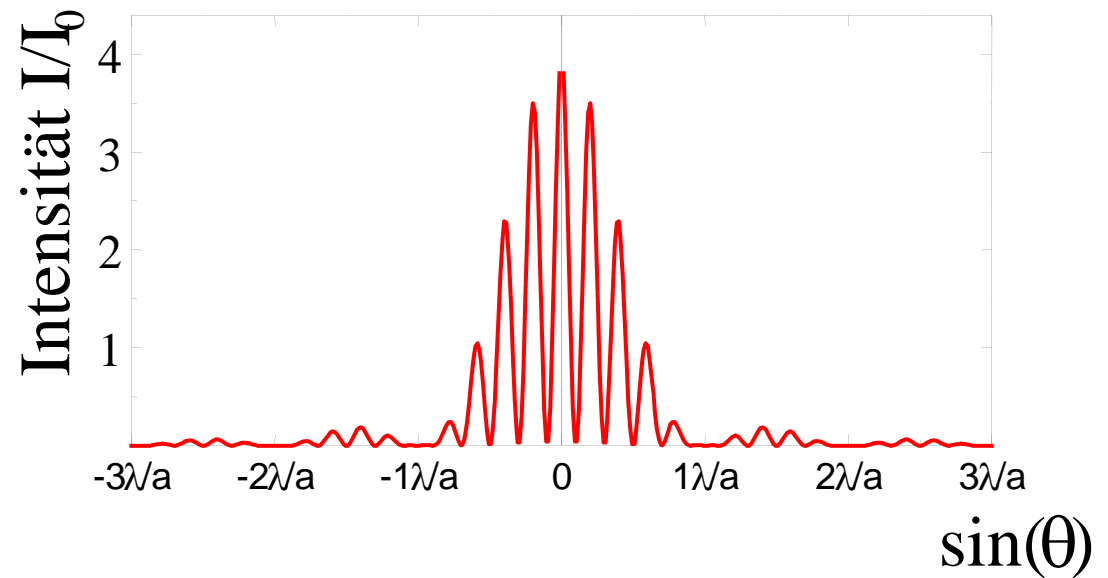
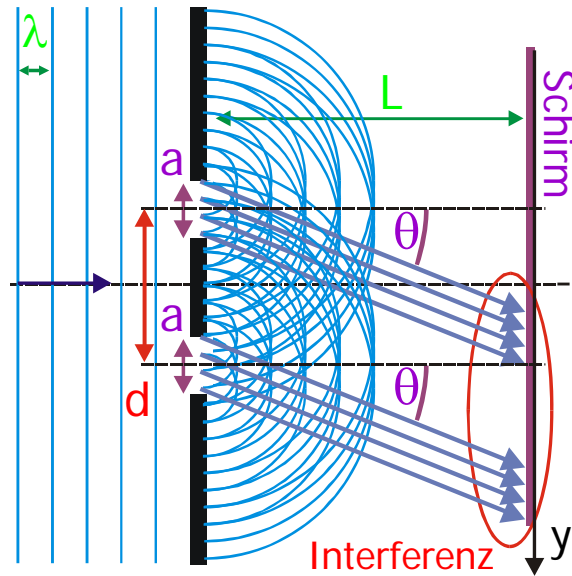


# Beugung am endlich breiten Spalt



$$\bar{I}(\theta) = \langle \epsilon_0 c \vec{\Phi}^2 \rangle_t = I_0 \frac{\sin^2\left(\frac{\pi a}{\lambda} \sin \theta\right)}{\left(\frac{\pi a}{\lambda} \sin \theta\right)^2}$$

# Beugung am endlich breiten Doppelspalt



$$\bar{I}(\theta) = 4I_0 \cos^2\left(\frac{\pi d}{\lambda} \sin \theta\right) \frac{\sin^2\left(\frac{\pi a}{\lambda} \sin \theta\right)}{\left(\frac{\pi a}{\lambda} \sin \theta\right)^2}$$