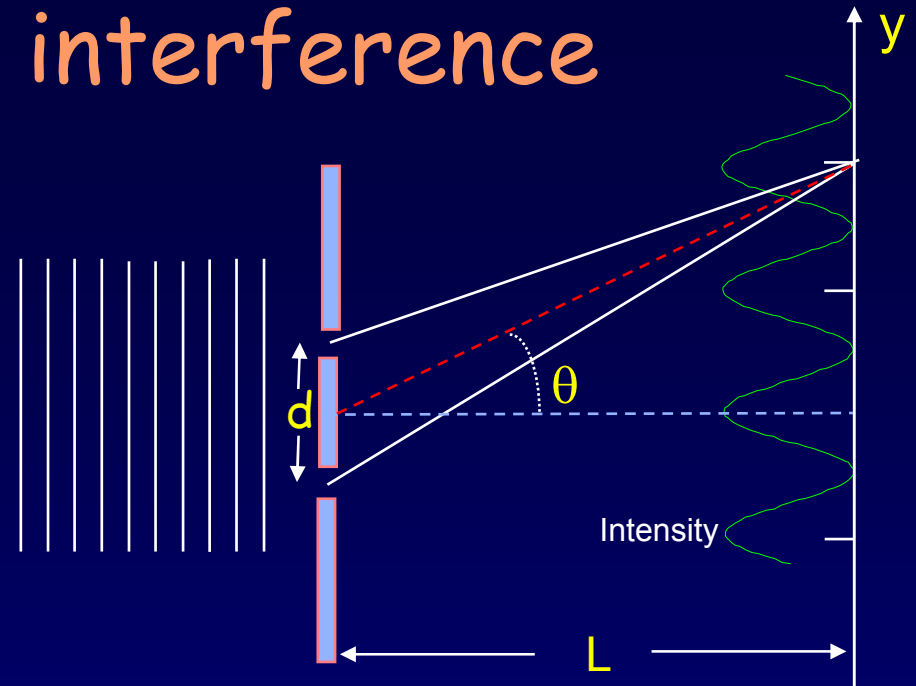


Example: 2-slit interference

A laser of wavelength 532 nm is incident on two slits separated by 0.125 mm .



1. What is the angle of the second principle maximum?
2. What is the spacing Δy between adjacent fringe maxima (*i.e.*, $\Delta m = 1$) on a screen 2m away?