Chapter 9 - Interference + Diffraction

-> coherent light - single wardenell

- every part of the
becam is "in phase"

or lived up m/ itself

$$\frac{\text{total distance}}{\text{a wavelength}} = \text{# of wavelengths} = \frac{10.1 \text{m}}{0.33 \text{ m}} = 30.6$$

$$\frac{Q_{i}}{Q_{i}}$$

Dl = l2-l, = m) M=0,1,2,3 ... $\Delta Q = l_2 - l_1 = (M + \frac{1}{2}) \lambda$ m=0,1,2,3... li $\Delta l = m \lambda$ Sint = Al