

I5YOUNGS

Young's Experiment

Con := 1

Y := -10, -9.99..10

All length in mm

$$I(Y) := \text{Con} \cdot \cos\left(\pi \cdot \frac{Y \cdot a}{\lambda \cdot X}\right)^2$$

$\lambda \equiv .0005$ $a \equiv .4$ $X \equiv 4000$

