

## I7FREMIRS

## Fresnel's mirror

### 1. Fresnel's Mirror

Y, c, f, b, and  $\lambda$  in mm,  $\beta$  in Radc  
is about b for calculation of  $X = c + f$  All length in mm

Con := 1  $\lambda$  defined above  
graph

b := 1000 f := 5000 c := b · cos( $\beta$ )  $\beta \equiv .0002$  Y := -10, -9.99..10

$\lambda \equiv .0005$

$$I(Y) := \text{Con} \cdot \cos \left( \pi \cdot \frac{Y \cdot 2 \cdot \frac{b}{c+f} \cdot \sin(\beta)}{\lambda} \right)^2$$

