

## I9PLANS

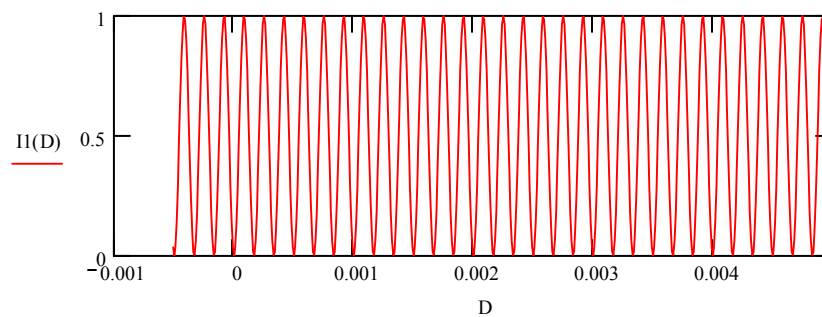
### Fringes of plane parallel plate produced by two waves

#### 1. For normal incidence depending on D

$$\lambda := .0005$$

$$D := -.00051, -.0005 \dots .005$$

$$I1(D) := \cos\left(\frac{2 \cdot \pi \cdot D \cdot n2}{\lambda} + \frac{\pi}{2}\right)^2 \quad n2 := 1.5$$



#### 2. For normal incidence depending on $\lambda$

$$\lambda\lambda := .05, .051 \dots .5$$

$$DD := .05$$

$$I2(\lambda\lambda) := \cos\left[\frac{2 \cdot \pi \cdot DD \cdot (n2)}{\lambda\lambda} + \frac{\pi}{2}\right]^2$$

