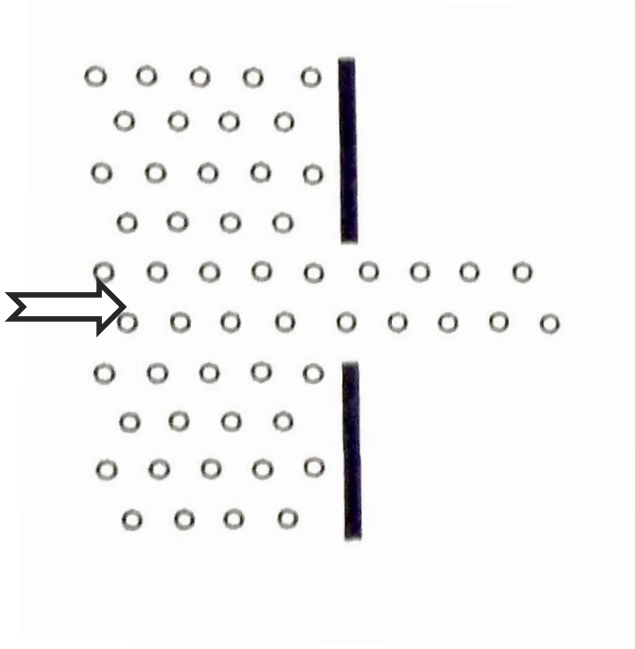
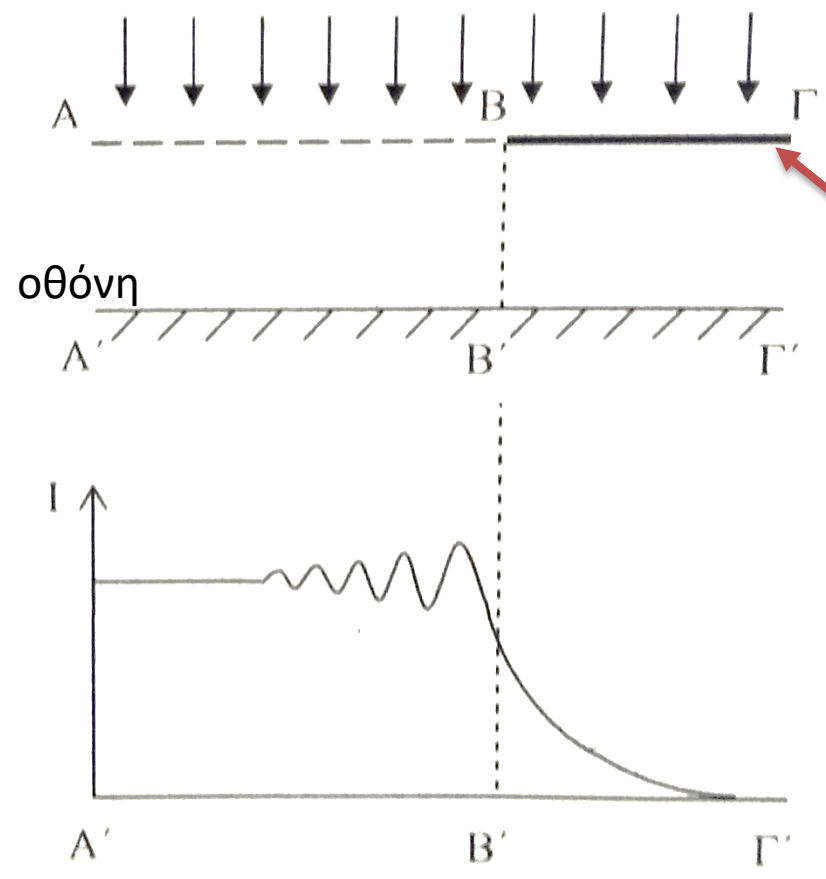


# ΠΕΡΙΘΛΑΣΗ

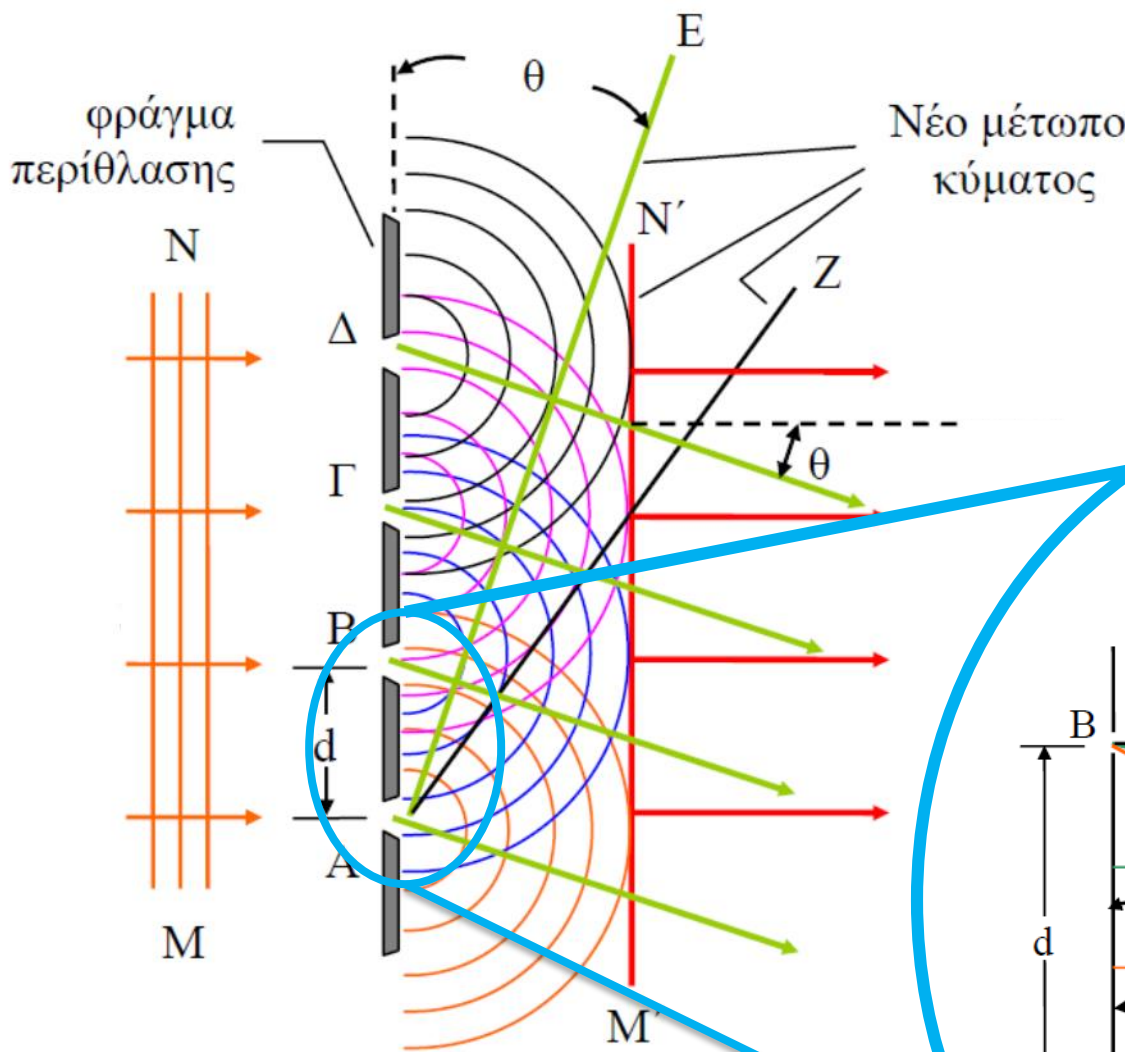
Ροή σωματιδίων



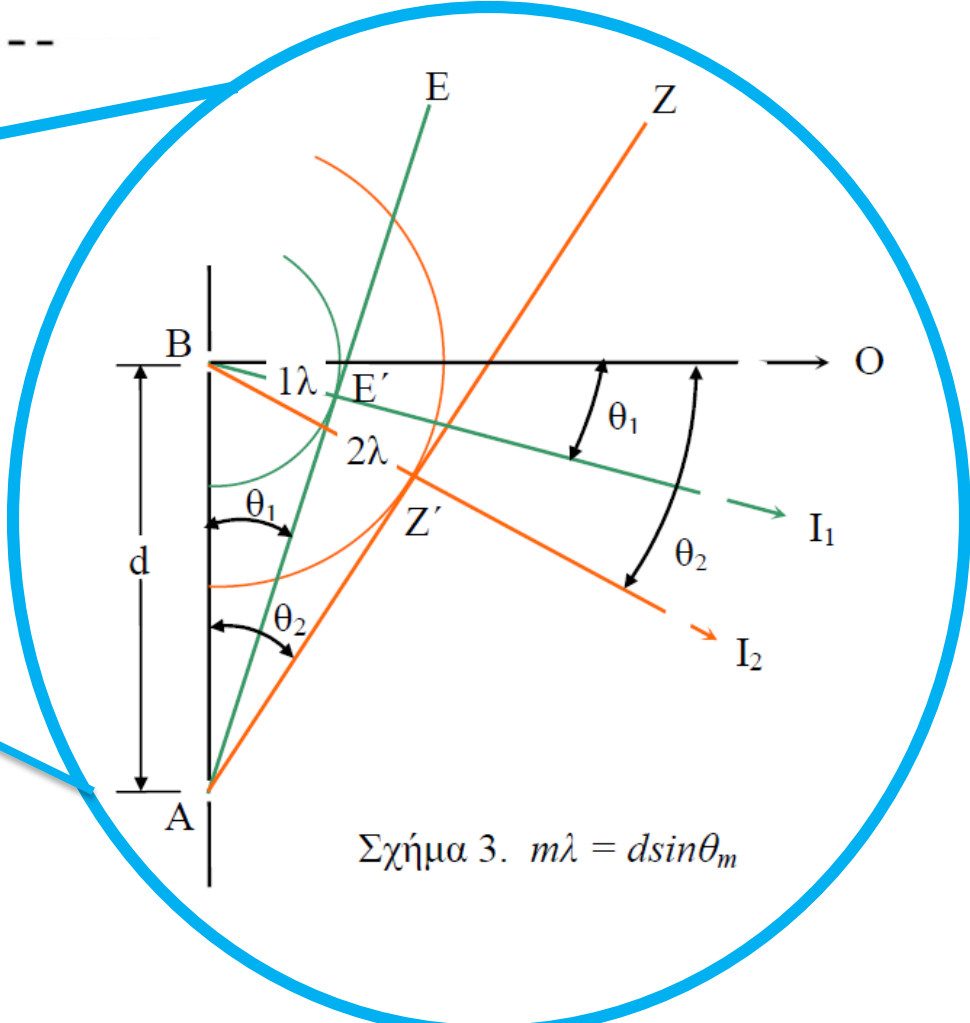
φωτεινή δέσμη



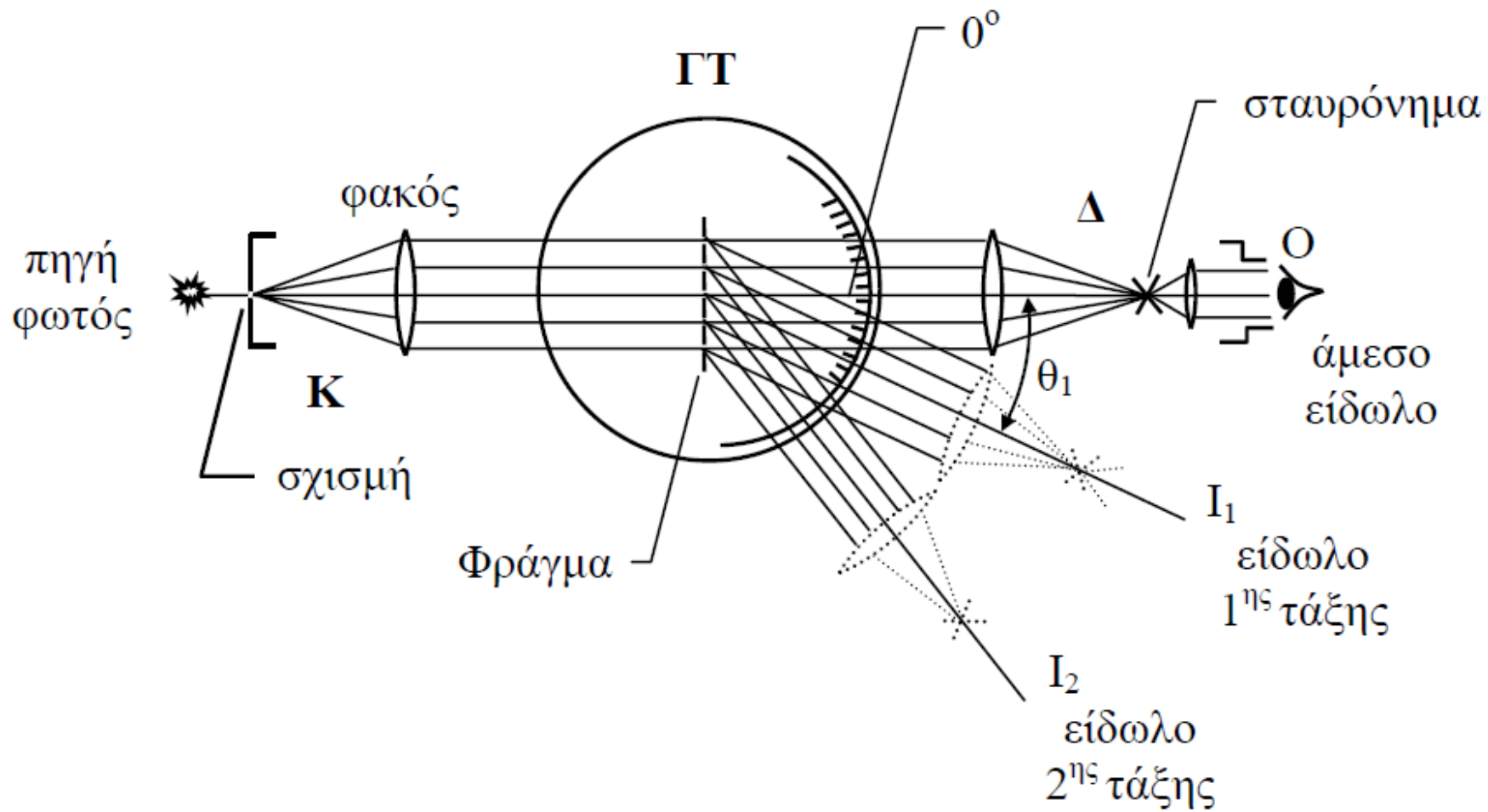
**ΒΓ :**  
αδιαφανές  
αντικείμενο

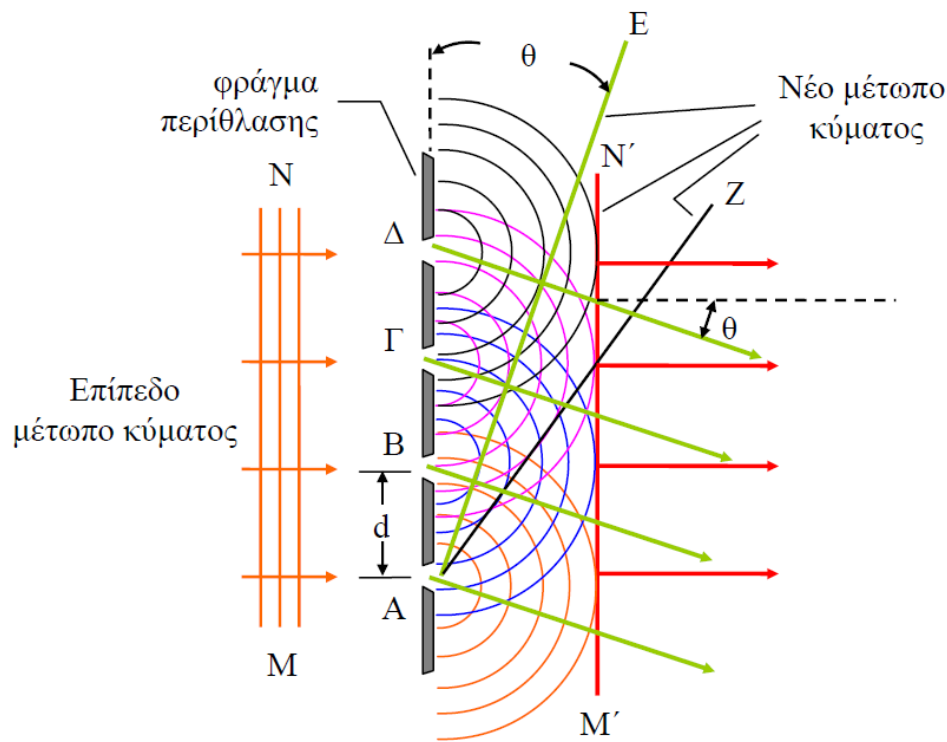


$$d \cdot \eta\mu\theta = m \cdot \lambda$$



Σχήμα 3.  $m\lambda = d\sin\theta_m$





$$d = \frac{1}{\text{πυκνότητα γραμμών / mm}}$$

$$d = \frac{m \cdot \lambda}{\eta \mu \theta}$$

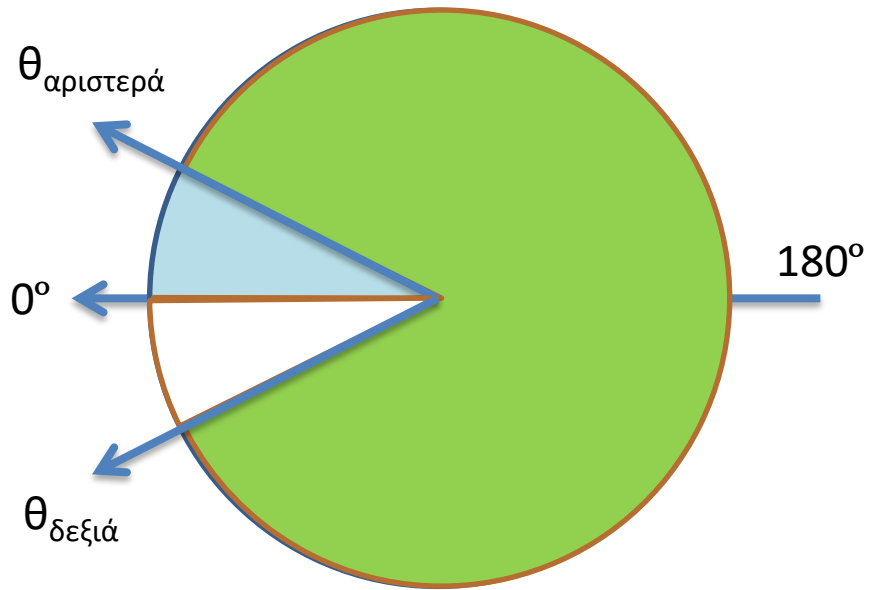
$$\lambda = \frac{d \cdot \eta \mu \theta}{m}$$

$$m_{\max} = \frac{d}{\lambda}$$

Τύπος του φράγματος

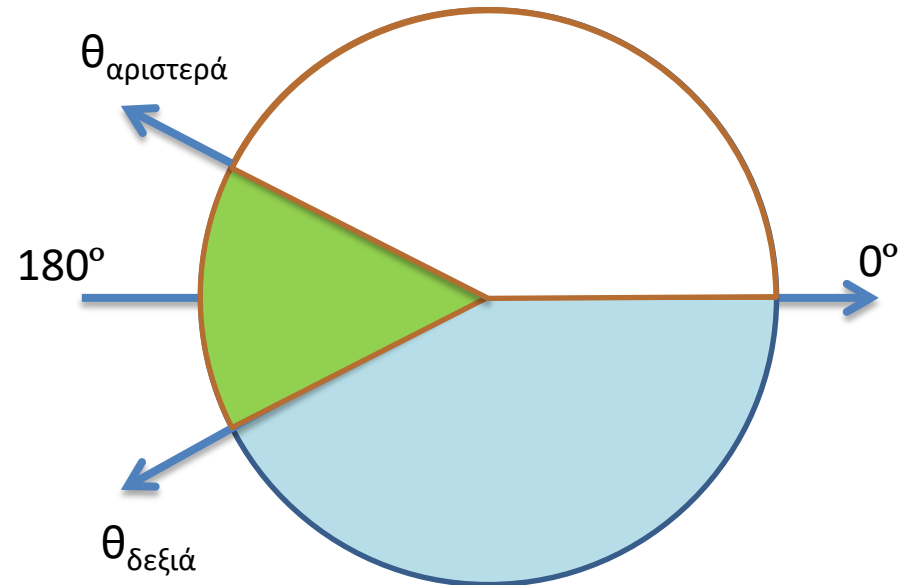
$$m \cdot \lambda = d \cdot \eta \mu \theta$$

### VERNIER 1 (V1)



$$\Delta\theta = \theta_{\alphaριστερά} - \theta_{\deltaεξιά} = 360^\circ - 2\cdot\theta$$

### VERNIER 2 (V2)



$$\Delta\theta = \theta_{\deltaεξιά} - \theta_{\alphaριστερά} = 2\cdot\theta$$

$$\sin\frac{360 - 2\theta}{2} = \sin(180 - \theta) = \sin\theta$$