

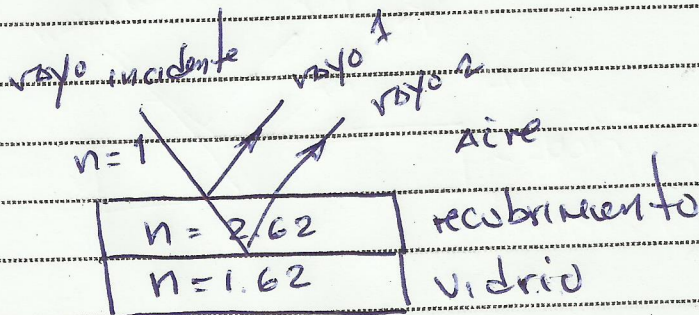
35.26

Datos

$$\lambda_0 = 505 \text{ nm}$$

$$n = 2.62$$

$$d_{\min} = ?$$



existe diferencia de fase entre los rayos 1 y 2
para un mínimo podemos utilizar

$$2d = m\lambda \quad \text{donde } \lambda = \frac{\lambda_0}{n} = \frac{505}{2.62} = 192.7 \text{ nm}$$

$$d = \frac{m(192.7)}{2} = (96.4 \text{ nm})m \quad \text{para el mínimo } m=1$$

$$d_{\min} = 96.4 \text{ nm}$$