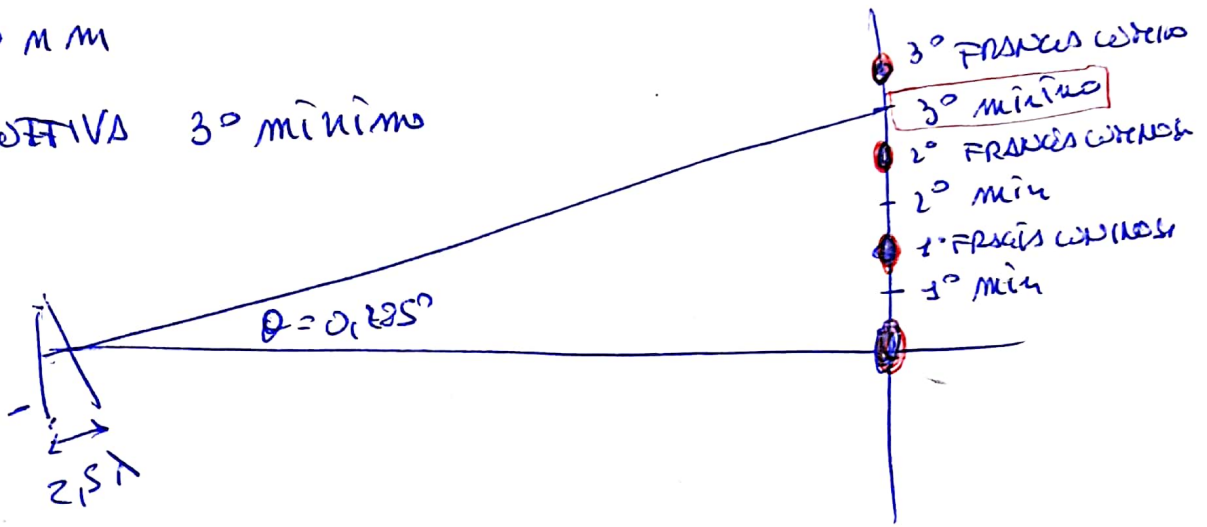


M<sup>o</sup> 3

# INTERFEROMETRO DI YOUNG

$$\lambda = 680 \text{ nm}$$

INT. DISTROTTIVA 3<sup>o</sup> MÍNIMO



$$\text{Sen } \theta = \frac{\left(3 - \frac{1}{2}\right) \lambda}{D} = \frac{2,5 \lambda}{D}$$

$$D = \frac{2,5 \lambda}{\text{Sen } \theta} = \frac{2,5 \cdot \cancel{680} \cdot 680 \cdot 10^{-9} \text{ m}}{\text{Sen } 0,285^\circ} = \underline{\underline{3,41 \cdot 10^{-6} \text{ m}}}$$