

395

$$2d \cdot 1 + \frac{\lambda}{2} = \left(m + \frac{1}{2}\right) \lambda \text{ より、}$$

$$\lambda = \frac{2d}{m} = \frac{2}{m} \cdot \frac{r^2}{2R}$$

$$m = 5, \quad r = 0.9 \times 10^{-2} m, \quad R = 30m$$

を代入して、

$$\lambda = \frac{2}{5} \cdot \frac{(0.9 \times 10^{-2})^2}{2 \cdot 30} = 5.4 \times 10^2 nm$$