

## 1 光の干渉

(4)

$$\frac{da}{L} + \frac{dx'}{l} = m\lambda \quad \dots \textcircled{1}$$

$$\frac{dx}{l} = m\lambda \quad \dots \textcircled{2}$$

$$\textcircled{1} - \textcircled{2} \text{ より, } \frac{da}{L} + \frac{dx'}{l} - \frac{dx}{l} = 0 \quad \therefore x' = x - \frac{la}{L}$$

(5) も同じ