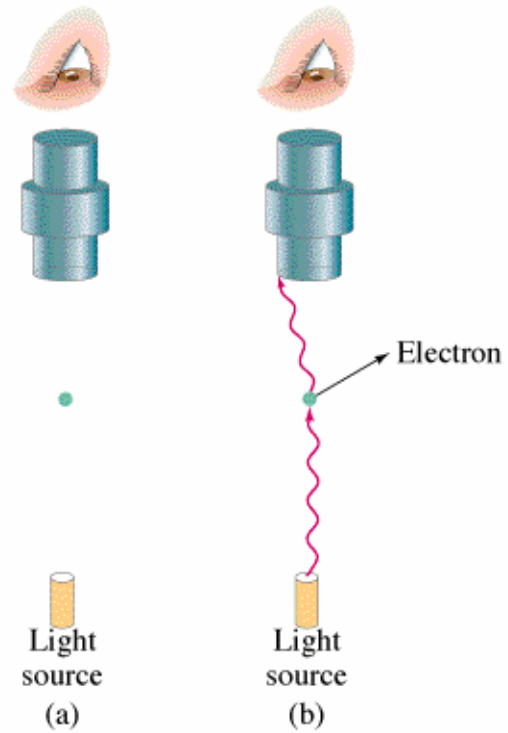
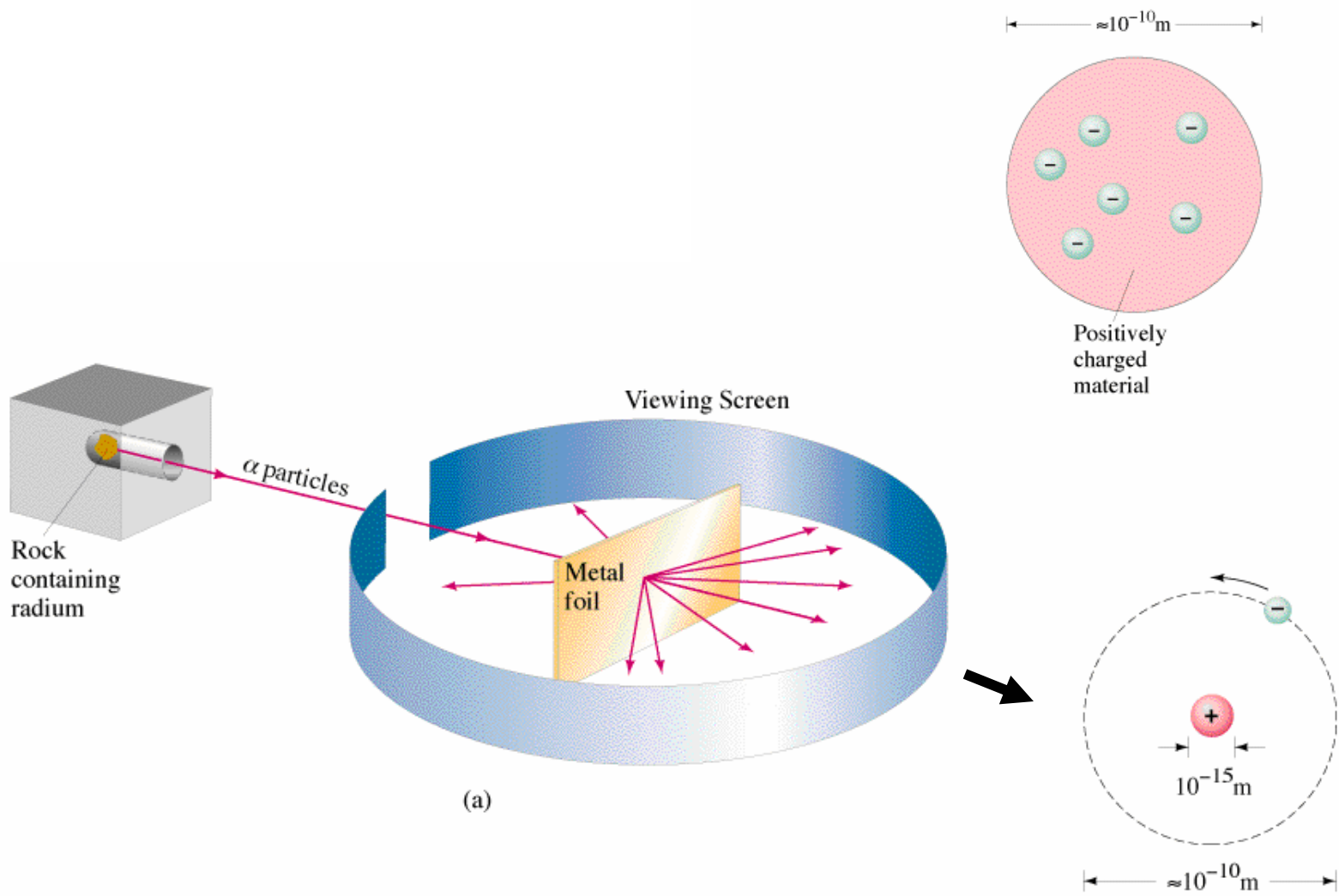


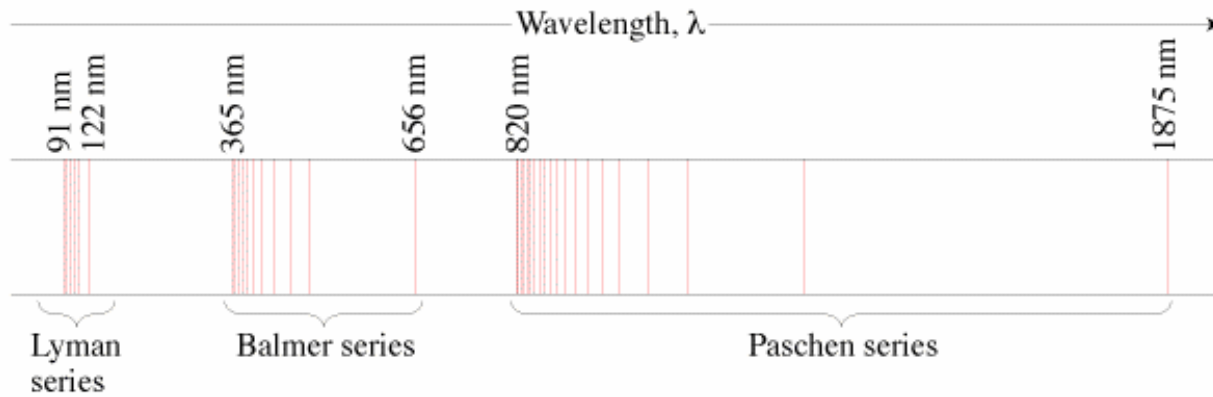
$$\Delta x \cdot \Delta p \geq \hbar$$

$$\Delta t \cdot \Delta E \geq \hbar$$





$$\frac{1}{\lambda} = R\left(\frac{1}{n'^2} - \frac{1}{n^2}\right), \quad n = n'+1, n'+2, n'+3, \dots$$



$$mvr = n\hbar$$

$$r_n = \frac{n^2}{Z} r_1 \quad n = 1, 2, 3, \dots$$

$$E_n = \frac{Z^2}{n^2} E_1 \quad n = 1, 2, 3, \dots$$

$$\frac{hc}{\lambda} = E_n - E_{n'}$$

$$\frac{1}{\lambda} = R \left(\frac{1}{n'^2} - \frac{1}{n^2} \right)$$

