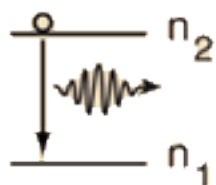


From Bohr model:



$$\Delta E = h\nu = 13.6 \left[\frac{1}{n_1^2} - \frac{1}{n_2^2} \right] \text{ eV}$$

$$\lambda = \frac{c}{\nu}$$

