

$$E = hf$$

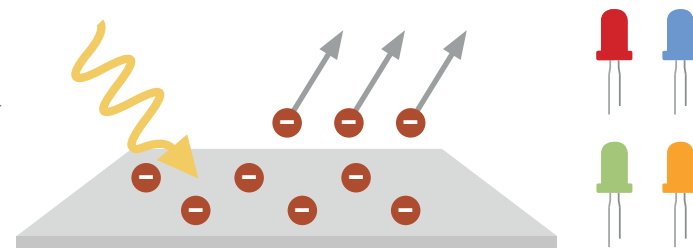
$$E = \frac{hc}{\lambda}$$

25.1

Energy of a photon



Photons

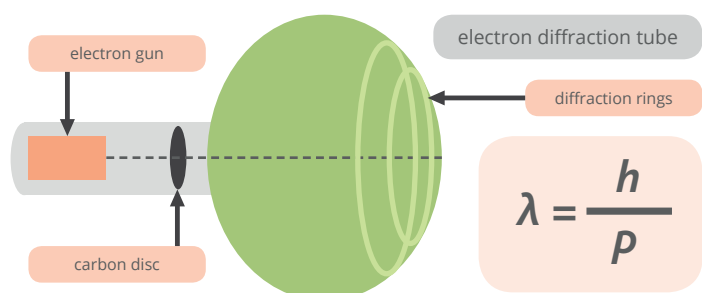


25.2

Photoelectric emission of electrons



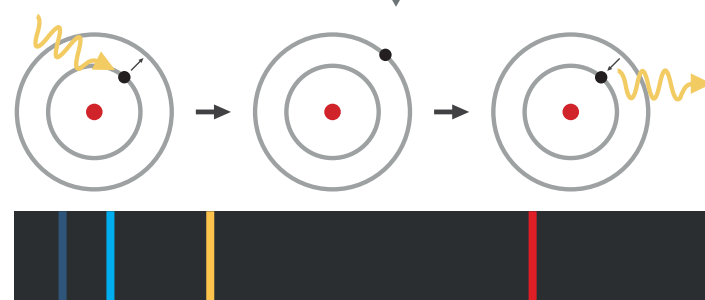
Wave-particle duality



$$\lambda = \frac{h}{p}$$

25.3

Wave-particle duality

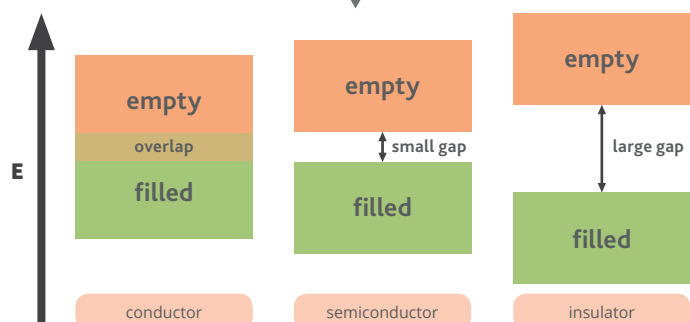


25.4

Energy levels in atoms and line spectra



Energy levels

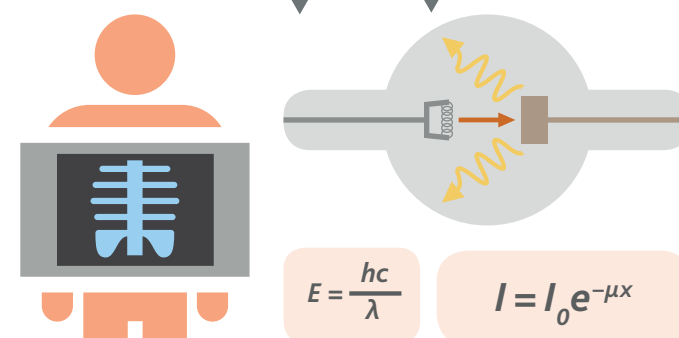


25.5

Band theory



Emission



25.6

Production and use of X-rays

