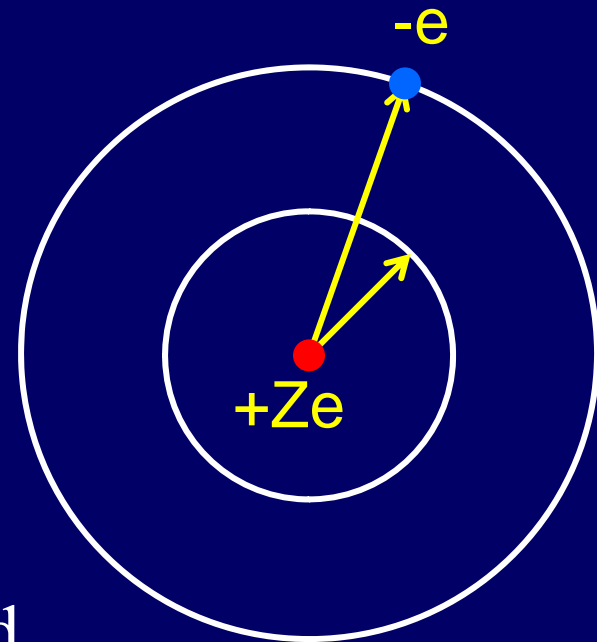


# The Bohr Model

Electrons circle the nucleus in orbits

Only certain orbits are allowed

$$\begin{aligned}2\pi r &= n\lambda \\ &= nh/p \\ L = pr &= nh/2\pi\end{aligned}$$



Angular momentum is quantized

Energy is quantized