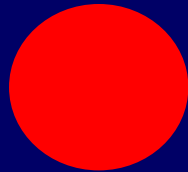


Hydrogen-Like Atoms

single electron with charge $-e$



nucleus with charge $+Ze$
(Z protons)

$$e = 1.6 \times 10^{-19} \text{ C}$$

Ex: H ($Z=1$), He⁺ ($Z=2$), Li⁺⁺ ($Z=3$), etc