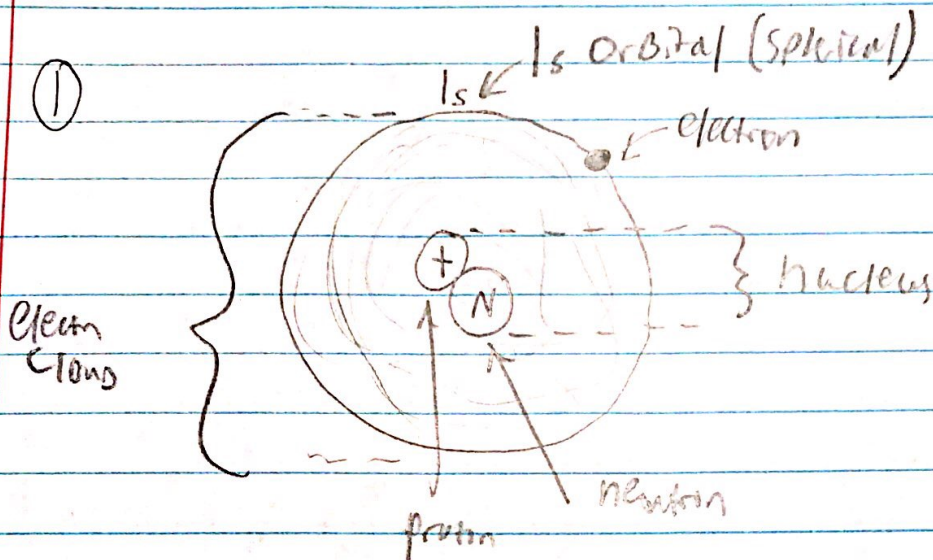


Atomic Structure of Deuterium



- ② Δ protons = Δ atomic number = Δ Element = Different charge and mass
 Δ neutrons = Δ atomic mass = Isotope = Different mass
 Δ electrons = Δ charge = Ion
- Proton and neutron change can result from radioactive decay
 - electron change can be caused by heat, electric field, or ionization or fission.

Sources:

Asimov, I. (1992). Atom: Journey across the Subatomic Cosmos. London: Macmillan.