

11/5 Atomic Models

- 1) Billiard Ball - solid sphere
- "atomos" - unbreakable

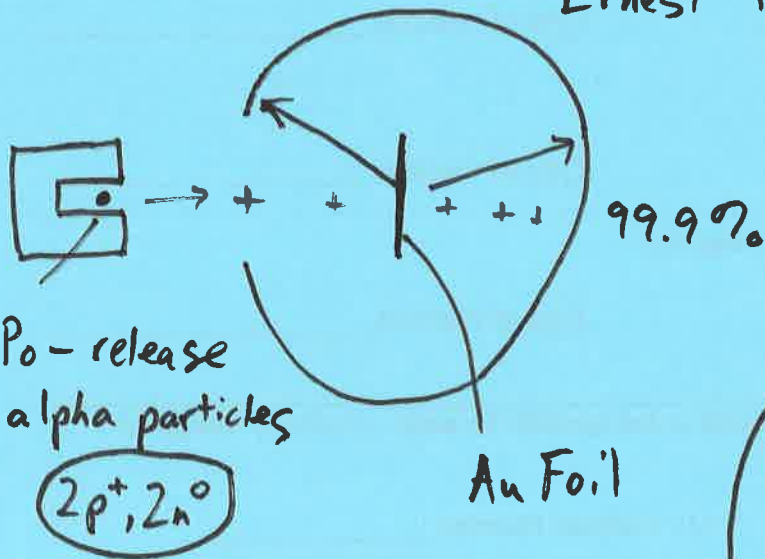


- 2) Plum Pudding - 1897, England
- JJ Thompson
- discovered e^- = small negative particle (mass)



- (+) charge was delocalized

- 3) Solar System - 1911
- Ernest Rutherford - Gold Foil Experiment



- discovered nucleus - very small, very dense, (+)
- 99.99% atom = empty space

