

P.T. TRENDS

ATOMIC RADIUS

Ionization Energy - E required to remove (LEO)
 The most loosely held (valence) e⁻

Electron Affinity
 ↳ liking / attraction to e⁻

D
I
R
E
C
T

Nov 7-7:36 AM

IF

Li: \uparrow 2s 1/2 full sublevel

Be: $\uparrow\downarrow$ 2s Full sublevel
More stable

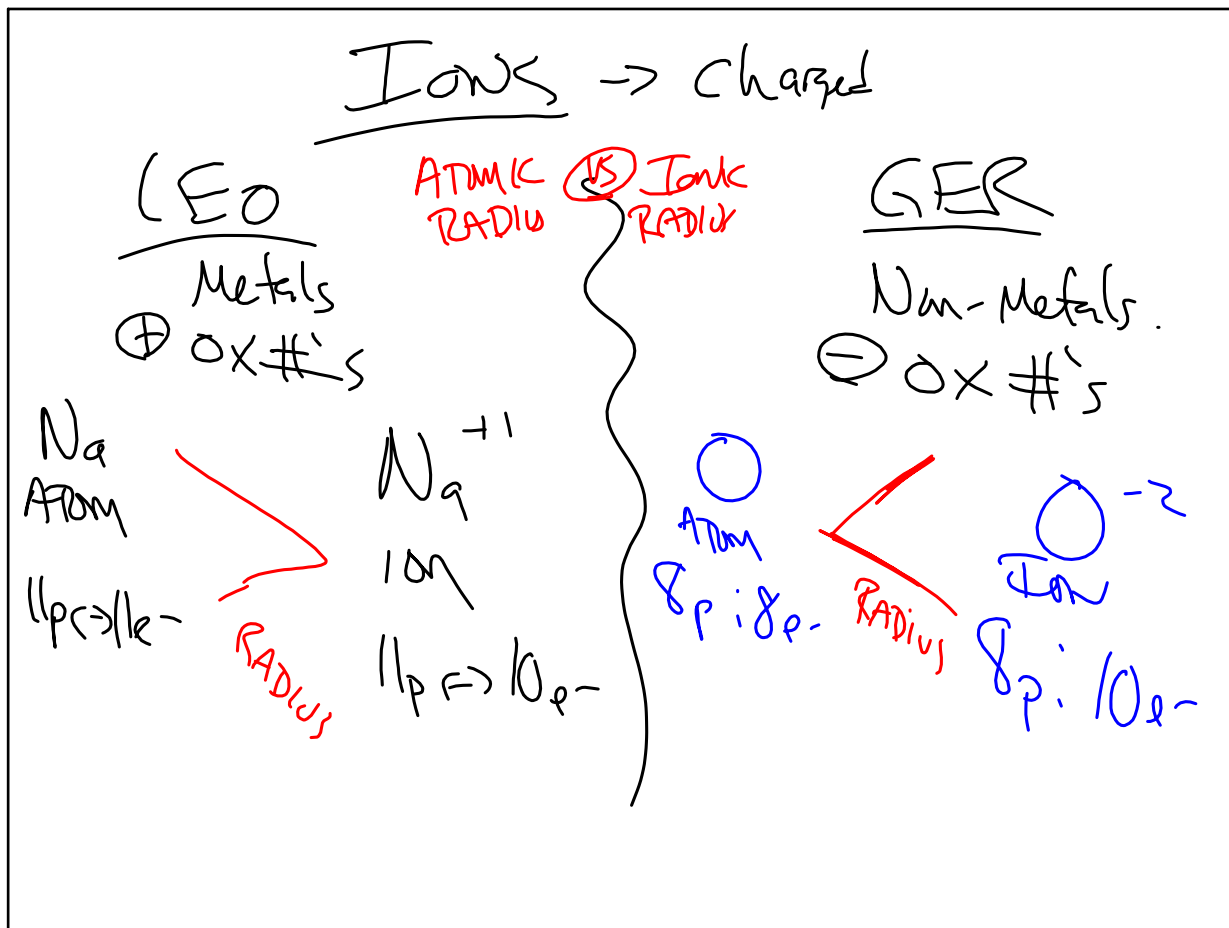
B: $\uparrow\downarrow$ 2s, \uparrow 2p less stable

C: $\uparrow\downarrow$ 2s, $\uparrow\uparrow$ 2p

N: $\uparrow\downarrow$ 2s, $\uparrow\uparrow\uparrow$ 2p More stable
1/2 full

O: $\uparrow\downarrow$ 2s, $\uparrow\uparrow\uparrow$ 2p less stable

Nov 7-8:07 AM



Nov 7-8:13 AM