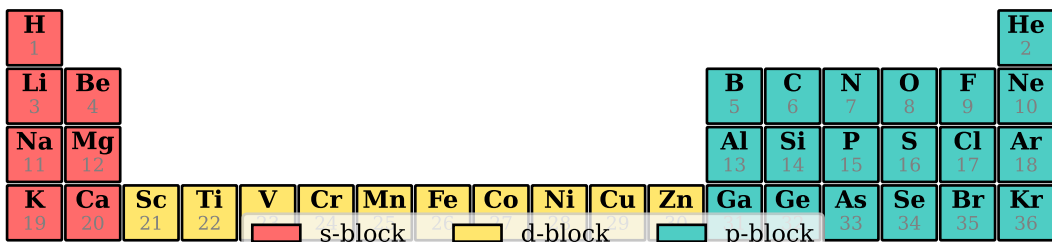
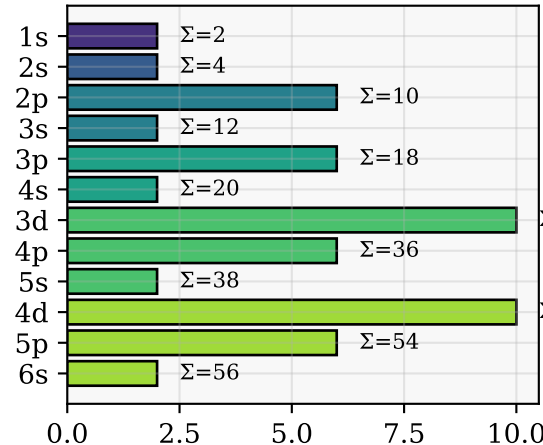


Atomic Structure from Partition Coordinates

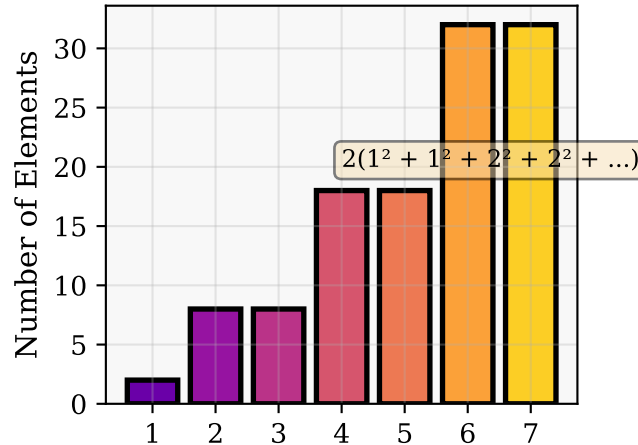
Periodic Table from Partition Geometry
(Z = partition count)



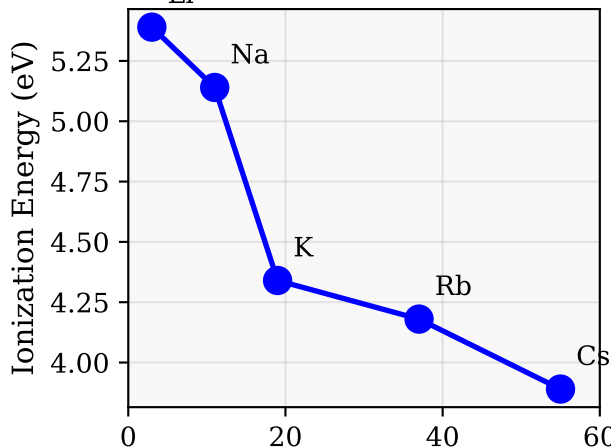
Shell Filling Order
(n + l rule)



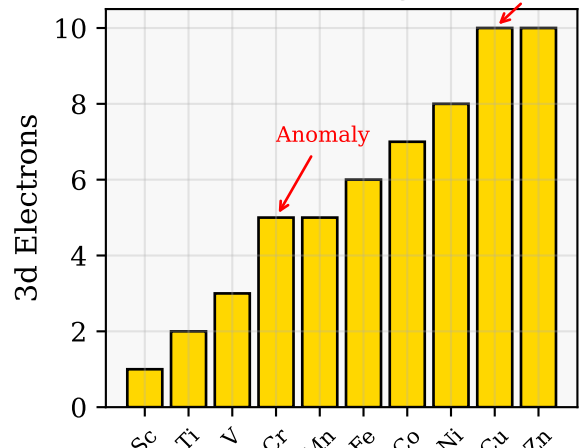
Period Lengths
(2, 8, 8, 18, 18, 32, 32)



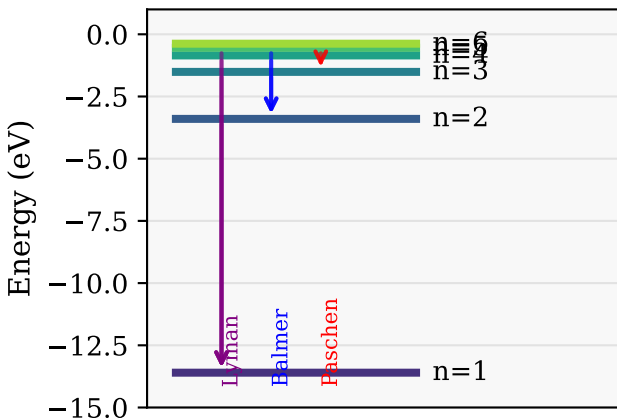
Group 1 (Alkali Metals)
(Same outer l=0)



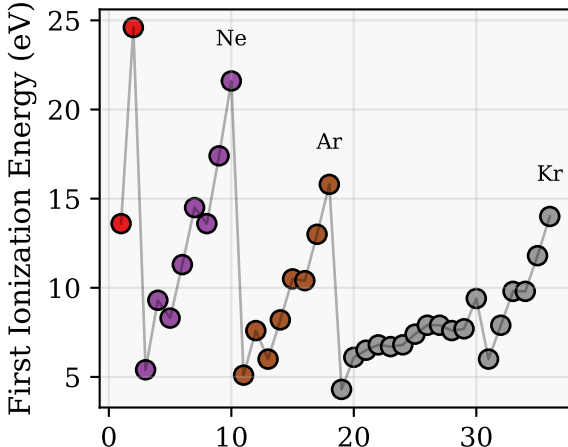
Transition Metals
(3d filling)



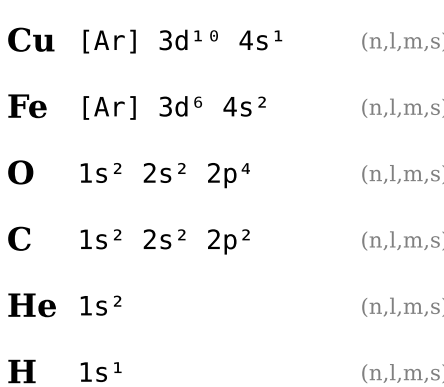
Hydrogen Spectrum
(Partition Transitions)



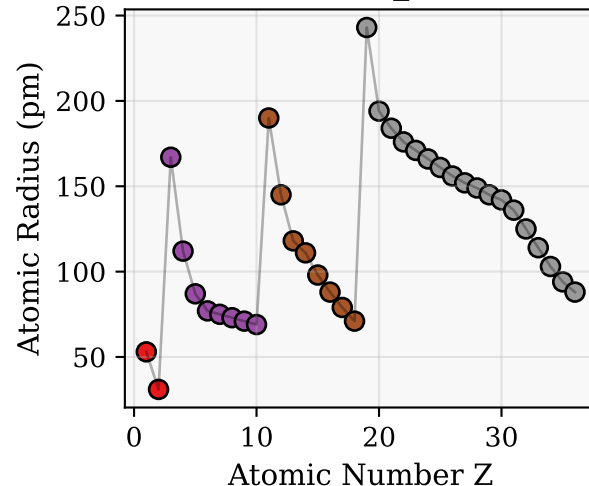
Ionization Energy Trend
(Periodic Pattern)



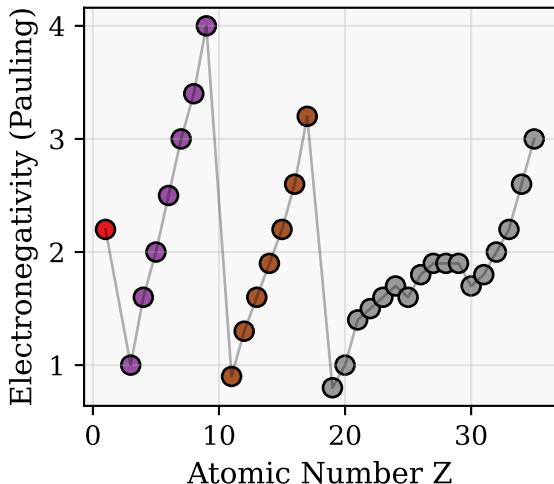
Electron Configurations
(Partition Coordinates)



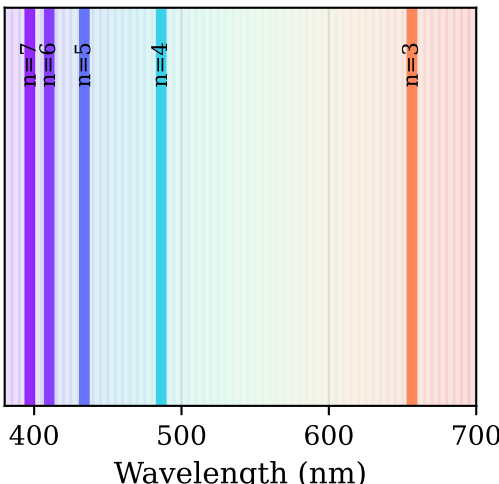
Atomic Radius Trend
($r \propto n^2/Z_{\text{eff}}$)



Electronegativity Trend
(Partition Boundary Affinity)



Balmer Series
($\Delta l = \pm 1$ Selection)



Complete Derivation Chain
(First Principles → Chemistry)

