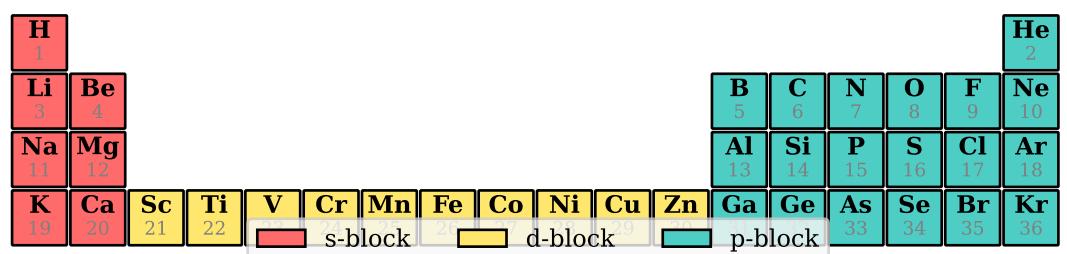
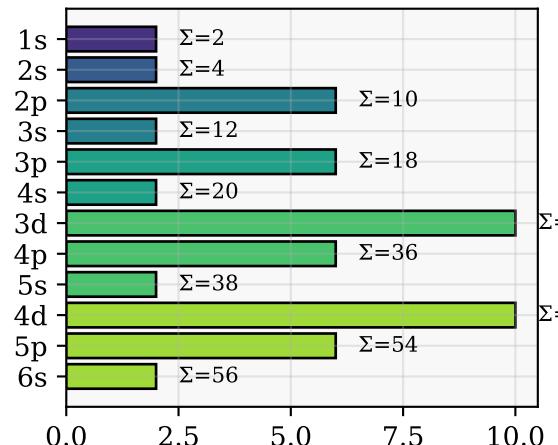


Atomic Structure from Partition Coordinates

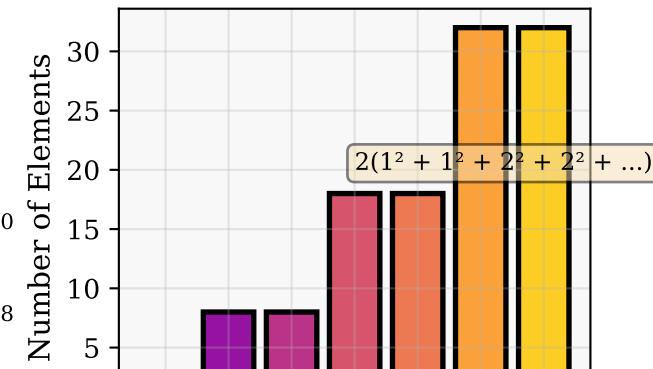
Periodic Table from Partition Geometry
(Z = partition count)



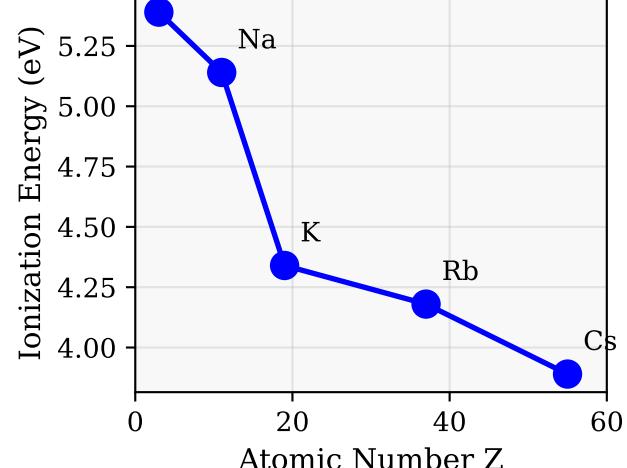
Shell Filling Order
($n + 1$ rule)



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

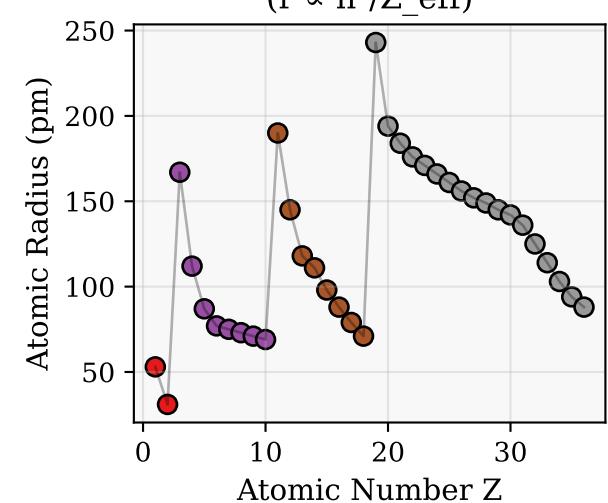


Electrons
Group 1 (Alkali Metals)
Li
(Same outer $l=0$)

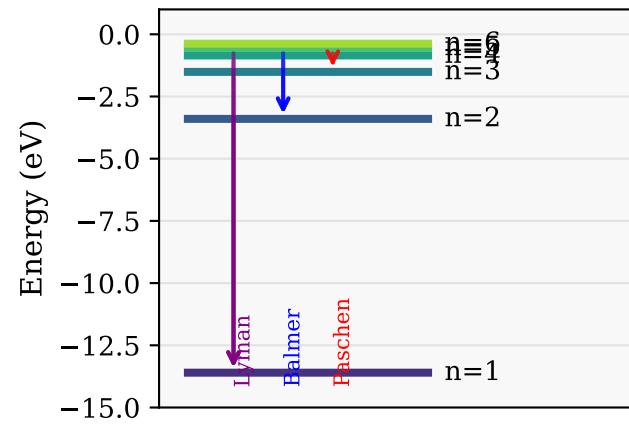


Electron Configurations
(Partition Coordinates)

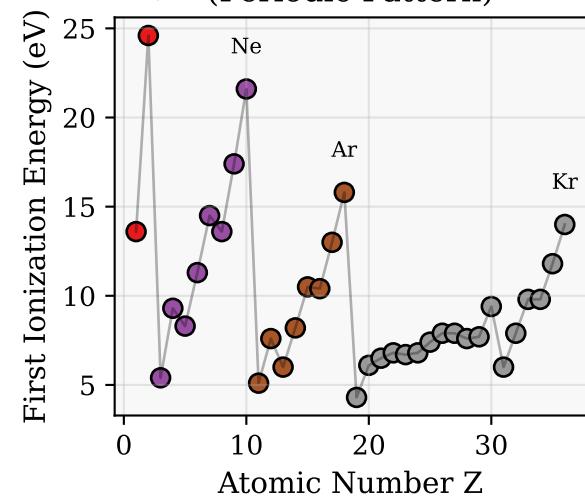
Cu	[Ar] 3d ¹⁰ 4s ¹	(n,l,m,s)
Fe	[Ar] 3d ⁶ 4s ²	(n,l,m,s)
O	1s ² 2s ² 2p ⁴	(n,l,m,s)
C	1s ² 2s ² 2p ²	(n,l,m,s)
He	1s ²	(n,l,m,s)
H	1s ¹	(n,l,m,s)



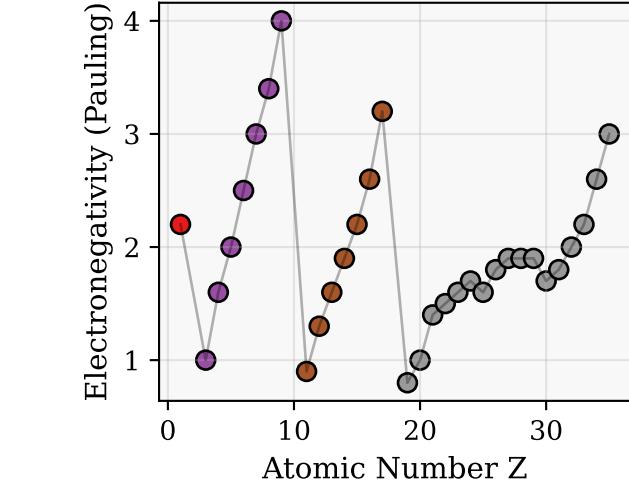
Hydrogen Spectrum
(Partition Transitions)



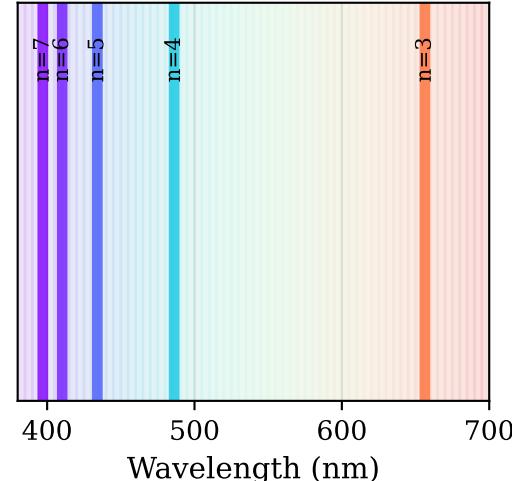
Ionization Energy Trend
(Periodic Pattern)



Electronegativity Trend
(Partition Boundary Affinity)



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



Complete Derivation Chain
(First Principles → Chemistry)

