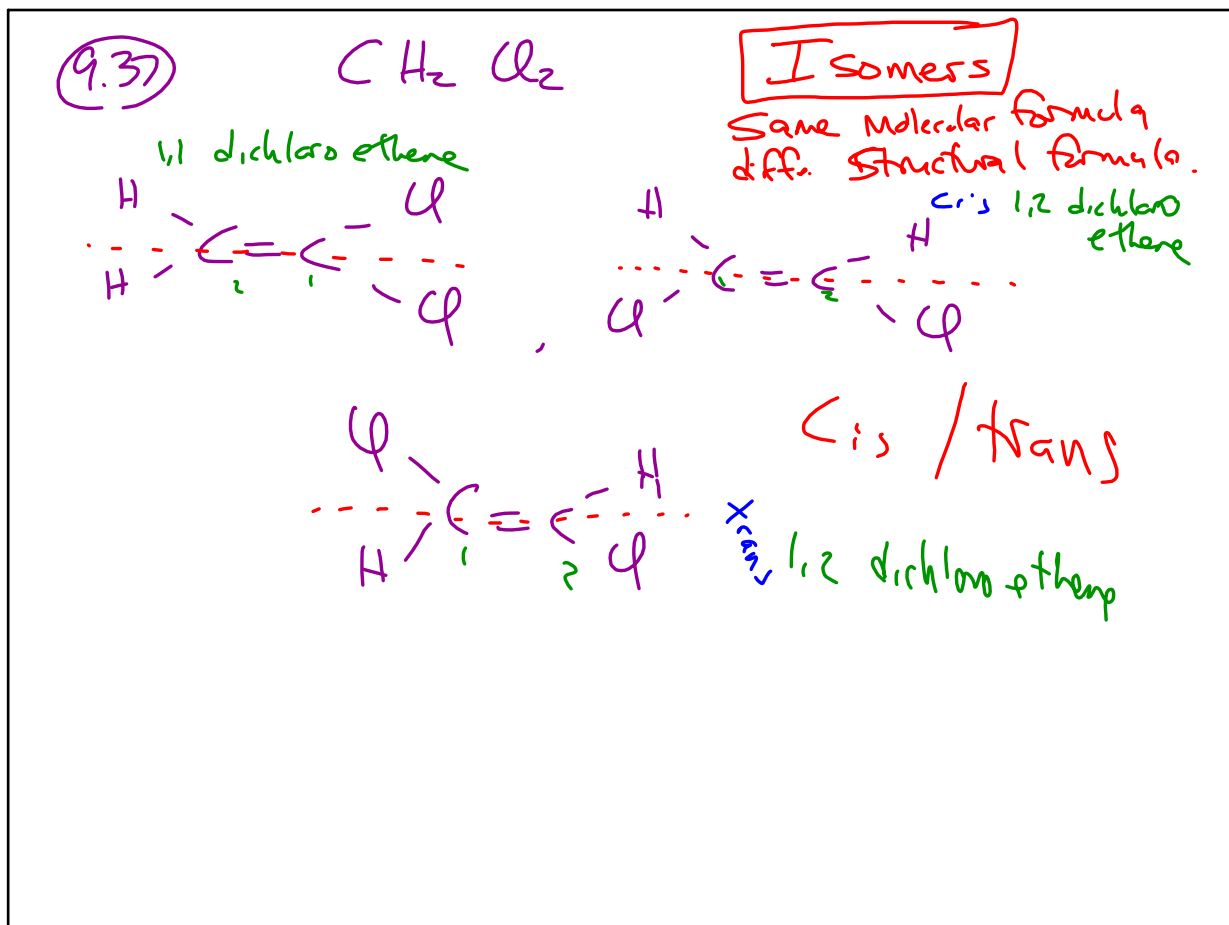


Nov 19-7:59 AM



Nov 19-8:21 AM

Molecular Orbital Theory

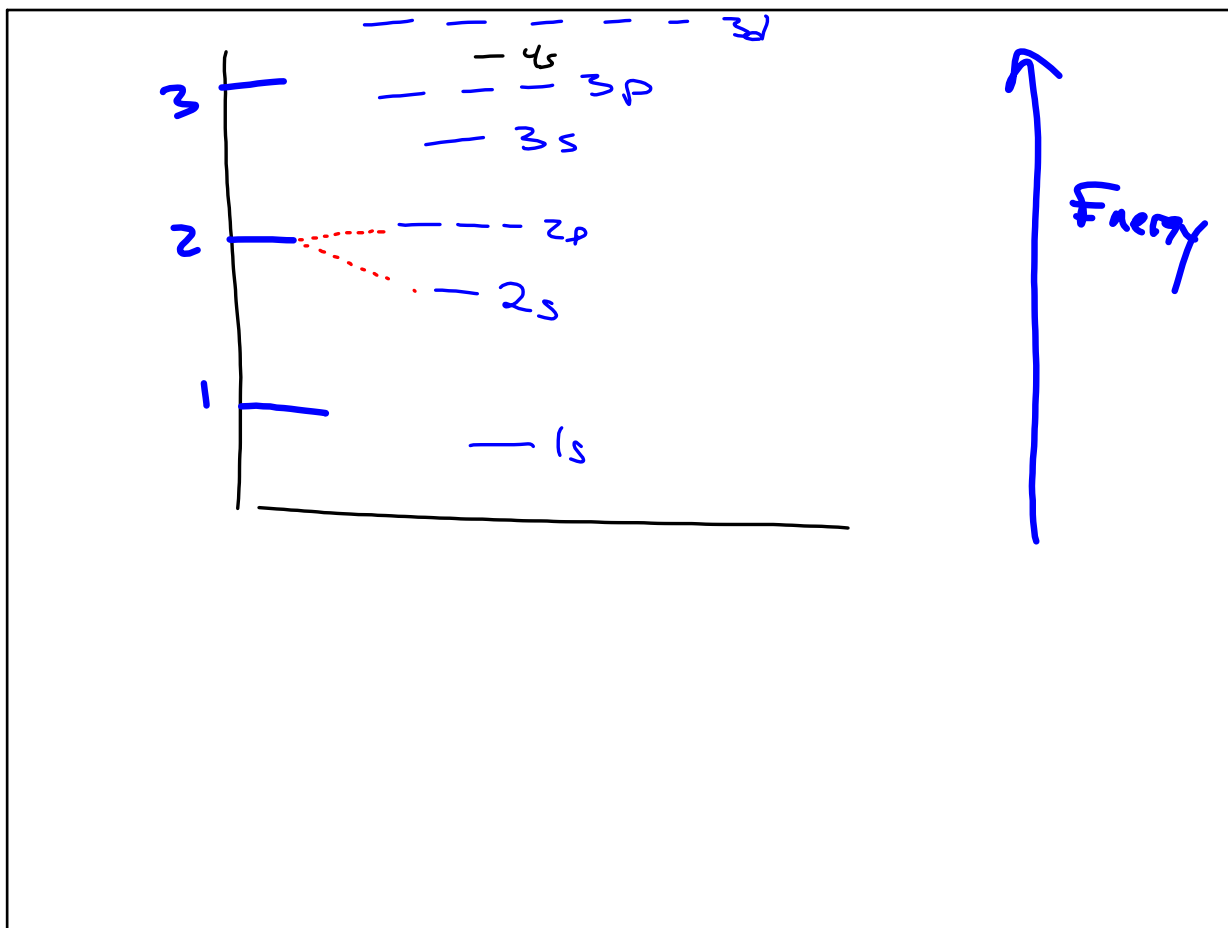
Σ of atomic orbitals in terms of orbitals + e⁻'s

Combine ATOMS.

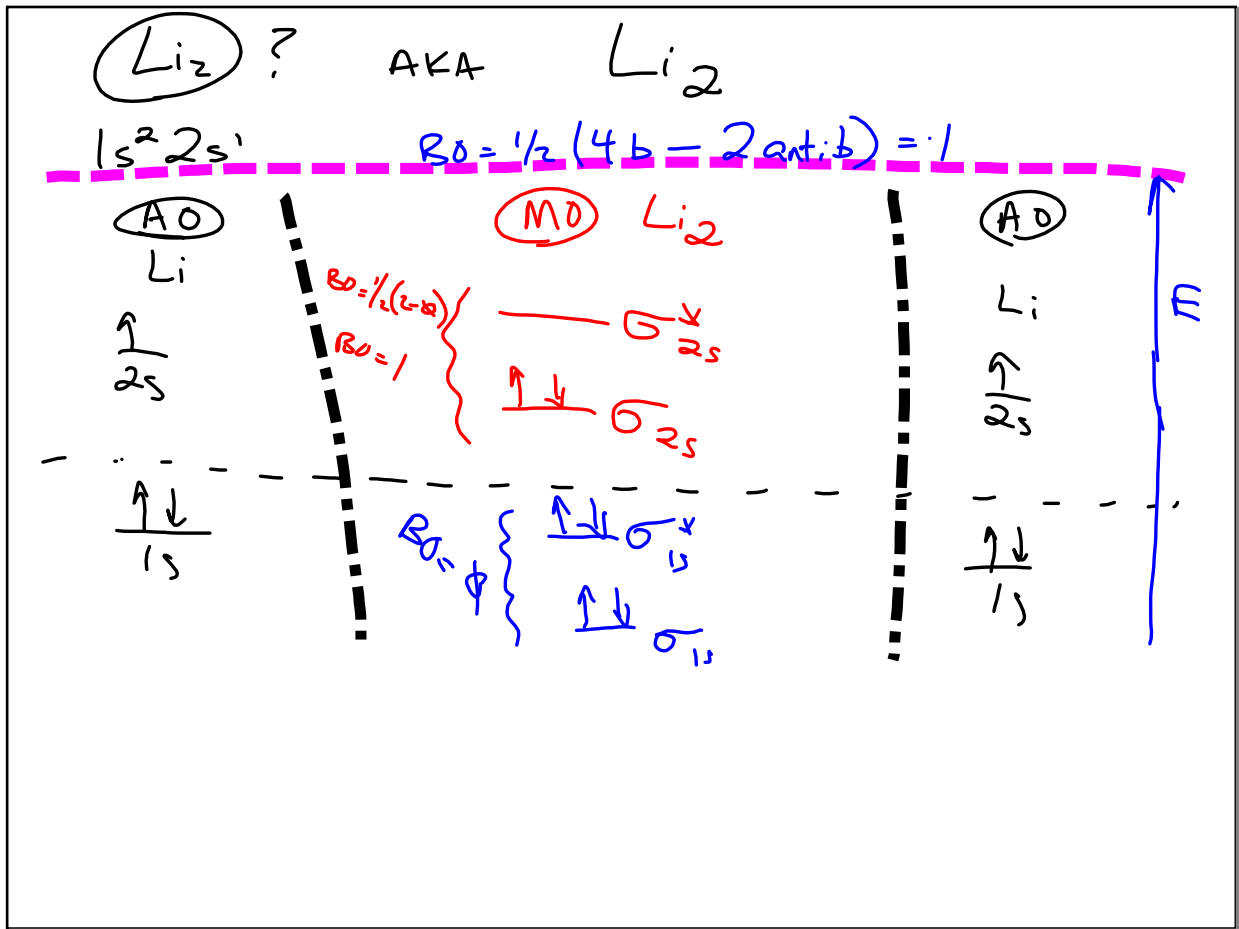
BOND ORDER = $\frac{1}{2} (\text{Bonding } e^- - \text{Ant. bonding } e^-)$

Lower Energy Higher energy

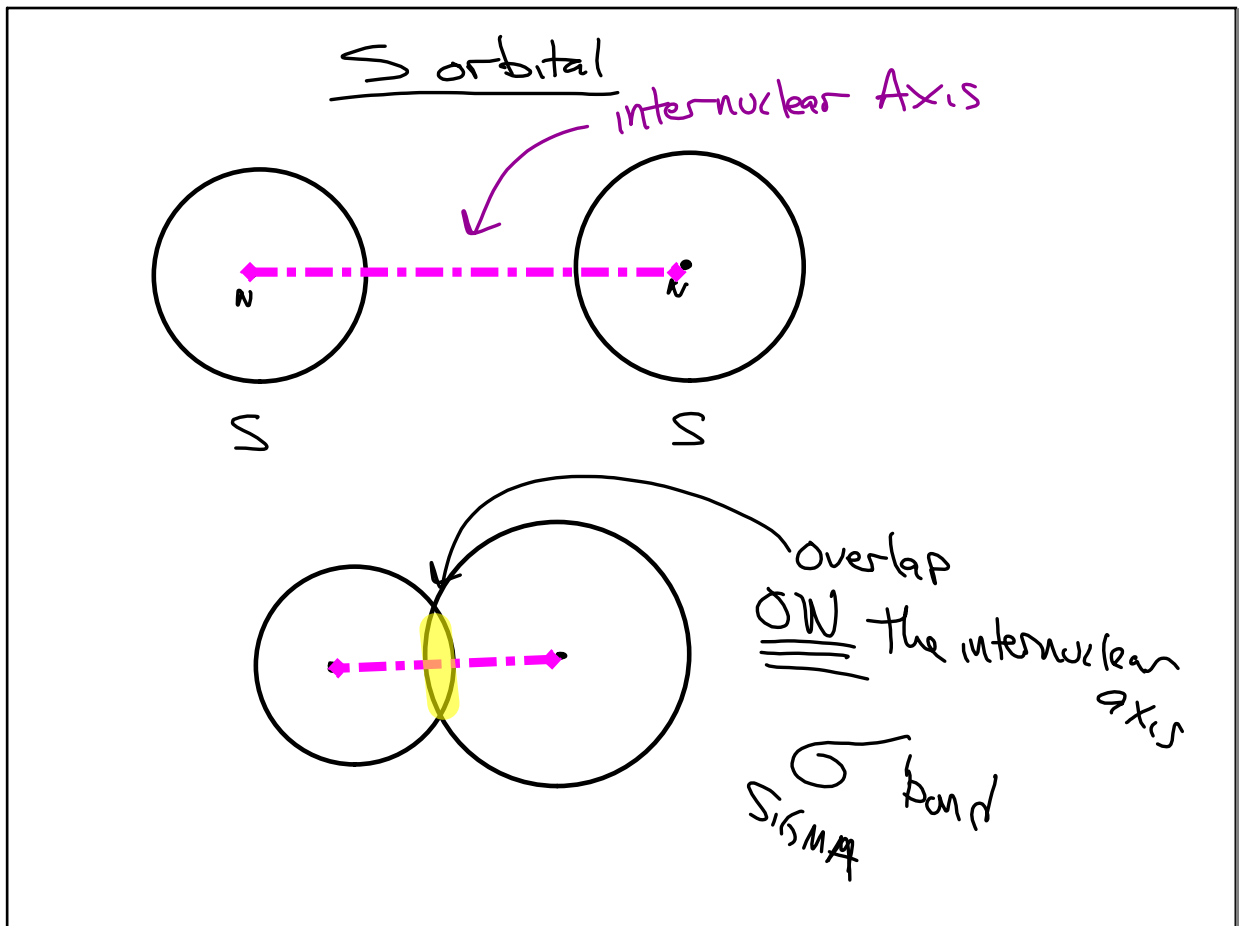
Nov 19-8:27 AM



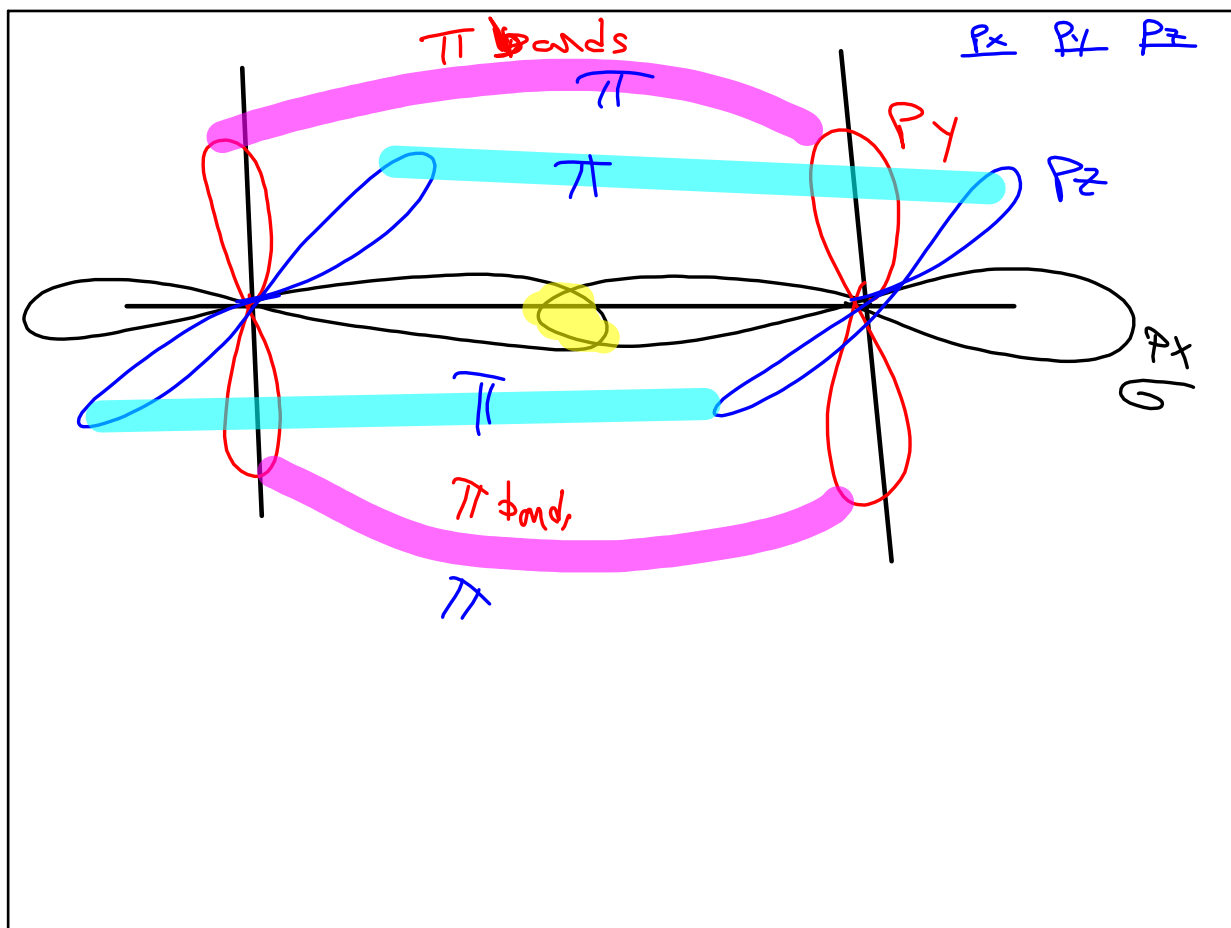
Nov 19-8:30 AM



Nov 19-8:32 AM



Nov 19-8:38 AM



Nov 19-8:42 AM

$$9 / 48 + 54$$

Nov 19-8:47 AM