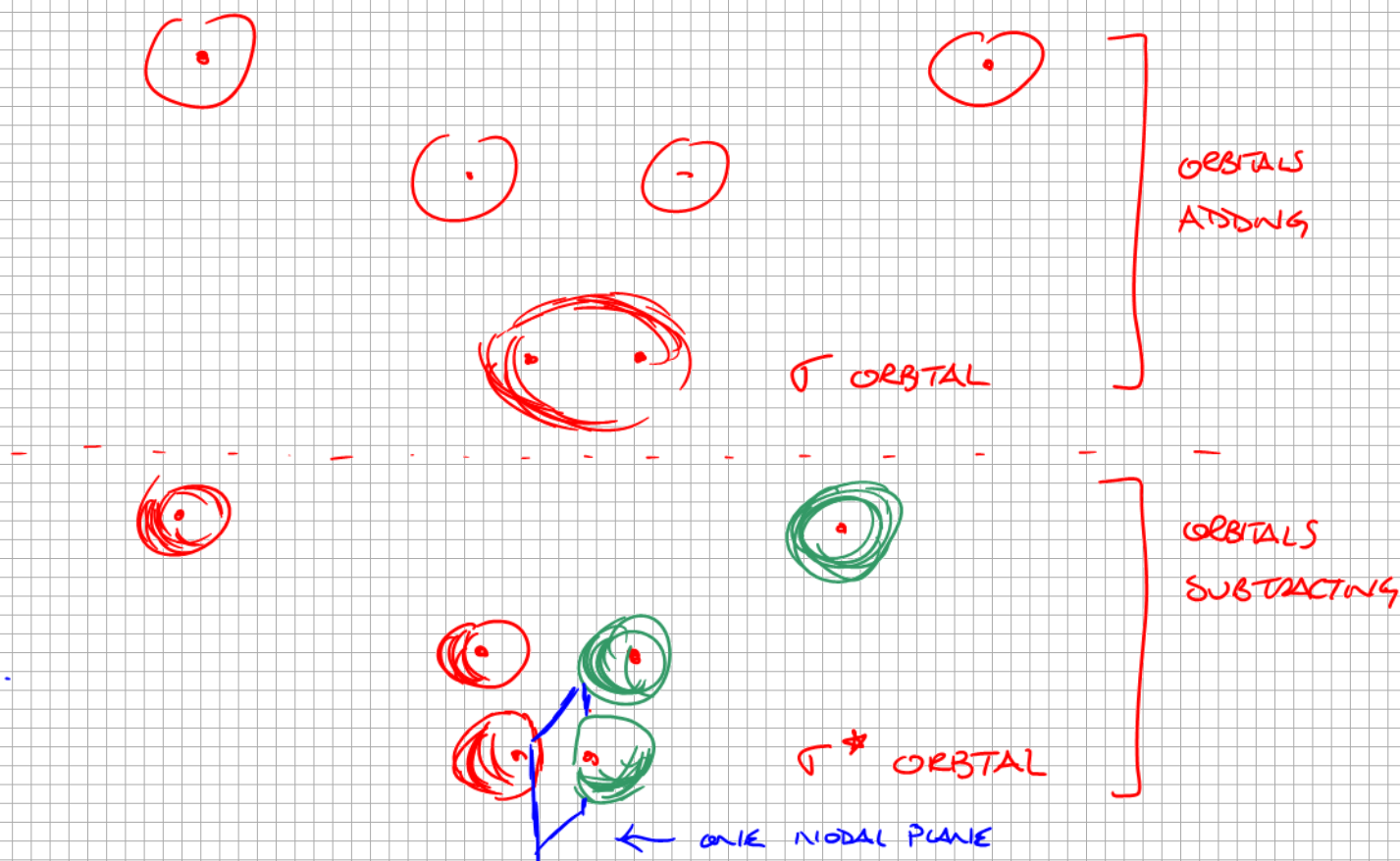
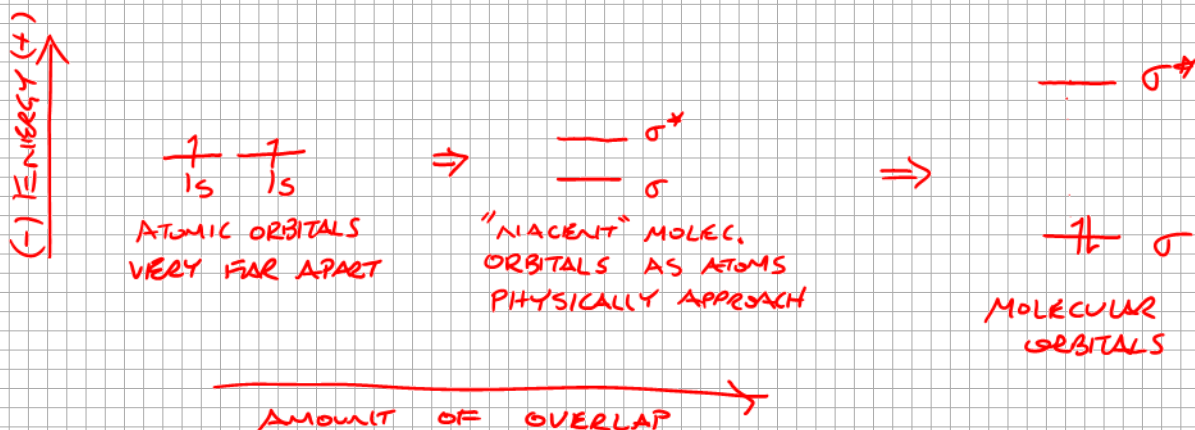


EXAMPLE = $\frac{1}{r^{12}} - \frac{1}{r^6}$

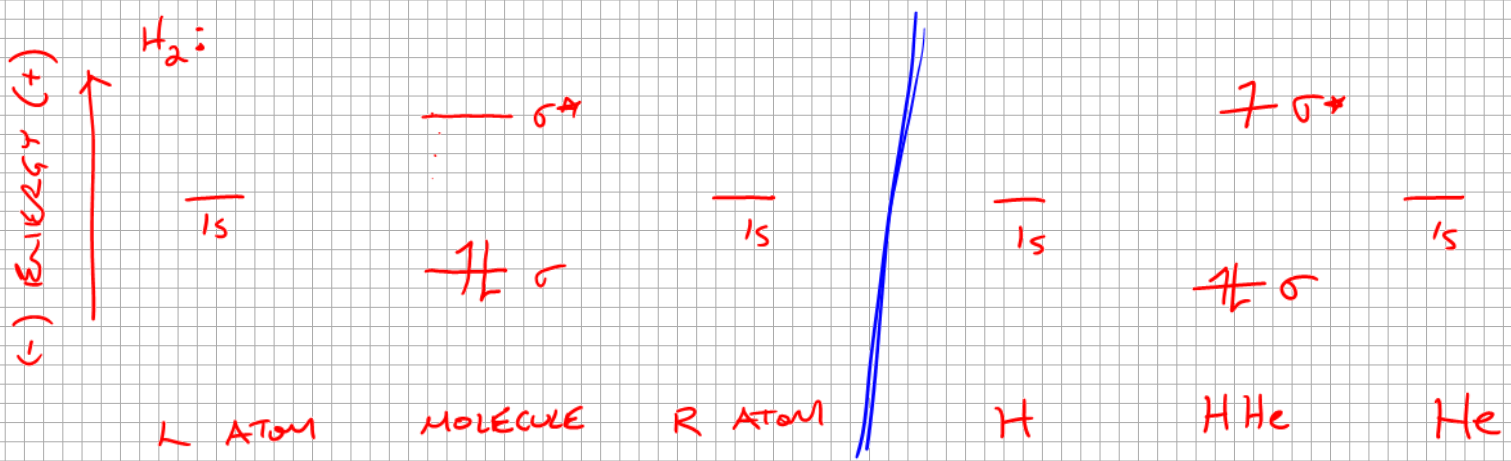
WHAT HAPPENS WITH THE ORBITALS (PHYSICAL SPACE)



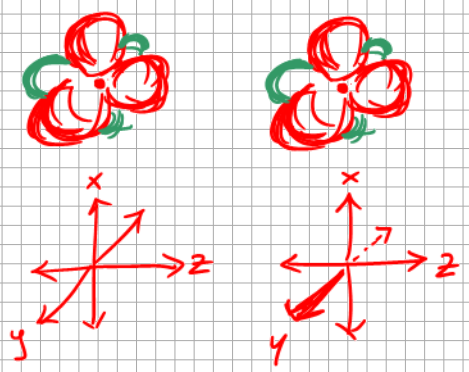
ENERGY SPACE



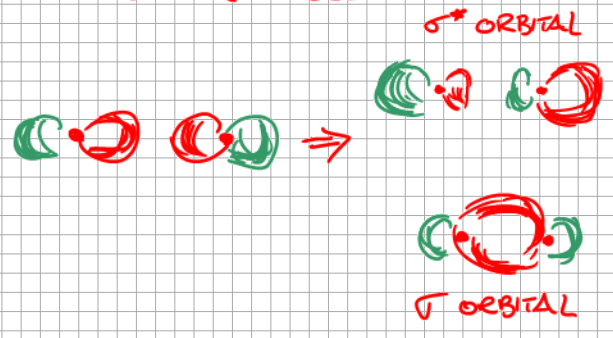
BOND ORDER = $\frac{1}{2} (\# \text{ BONDING } e^- - \# \text{ ANTIBONDING } e^-)$



ORBITALS w/ SIMILAR ENERGIES & STRUCTURES WILL OVERLAP



P_z 's:



P_y & P_x 's:

