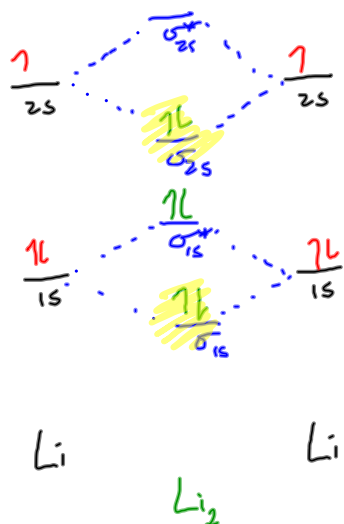
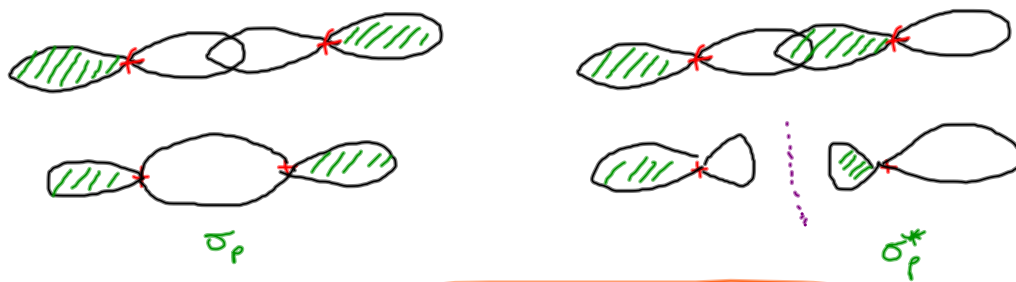


Draw the M.O. Diagram for  $\text{Li}_2$   
 (yes you should draw both energy levels)

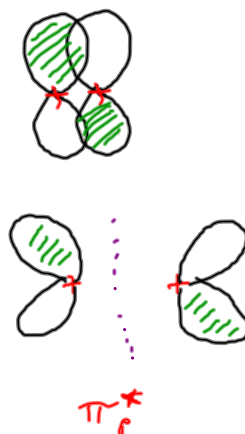


$$\text{B.O.} = \frac{4 - 2}{2} = 1$$

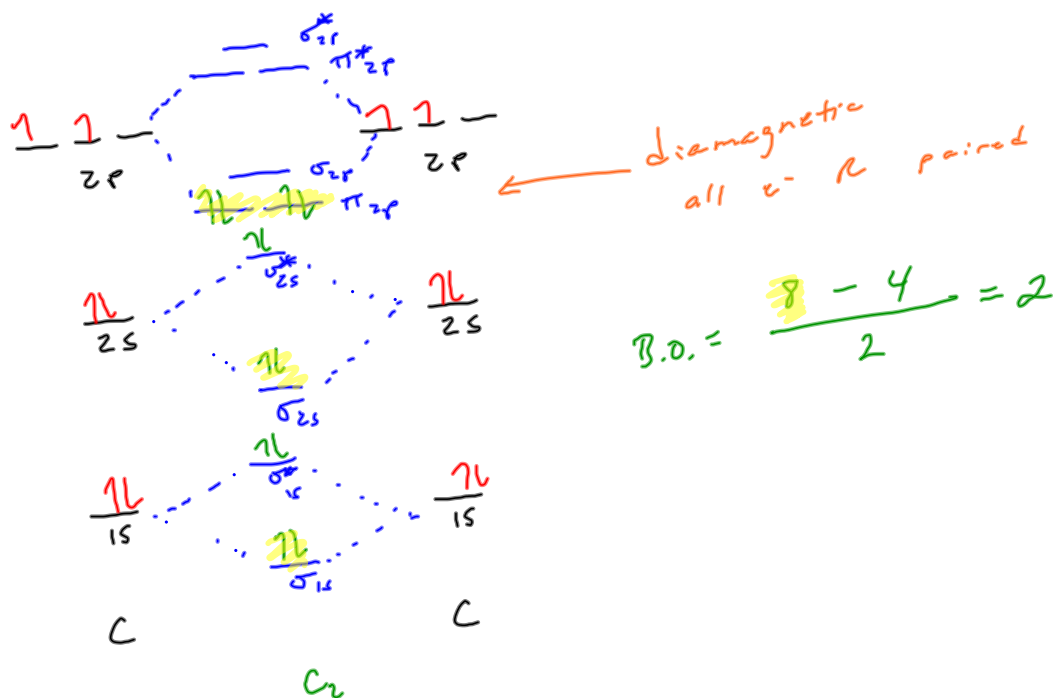
Interference of p orbitals



2+



M.O. of C<sub>2</sub>



M.O. of O<sub>2</sub>

