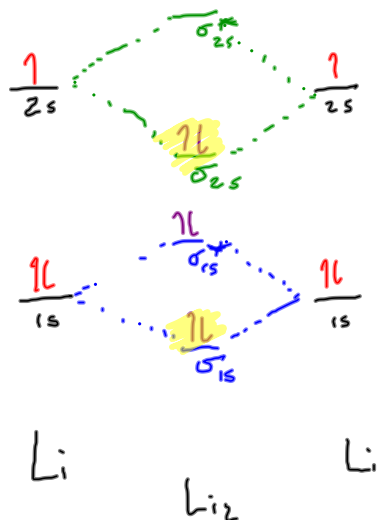
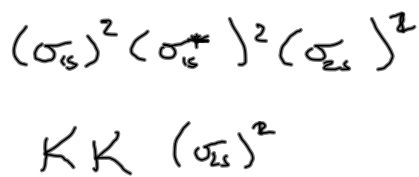


Draw the MO diagram for Li<sub>2</sub>



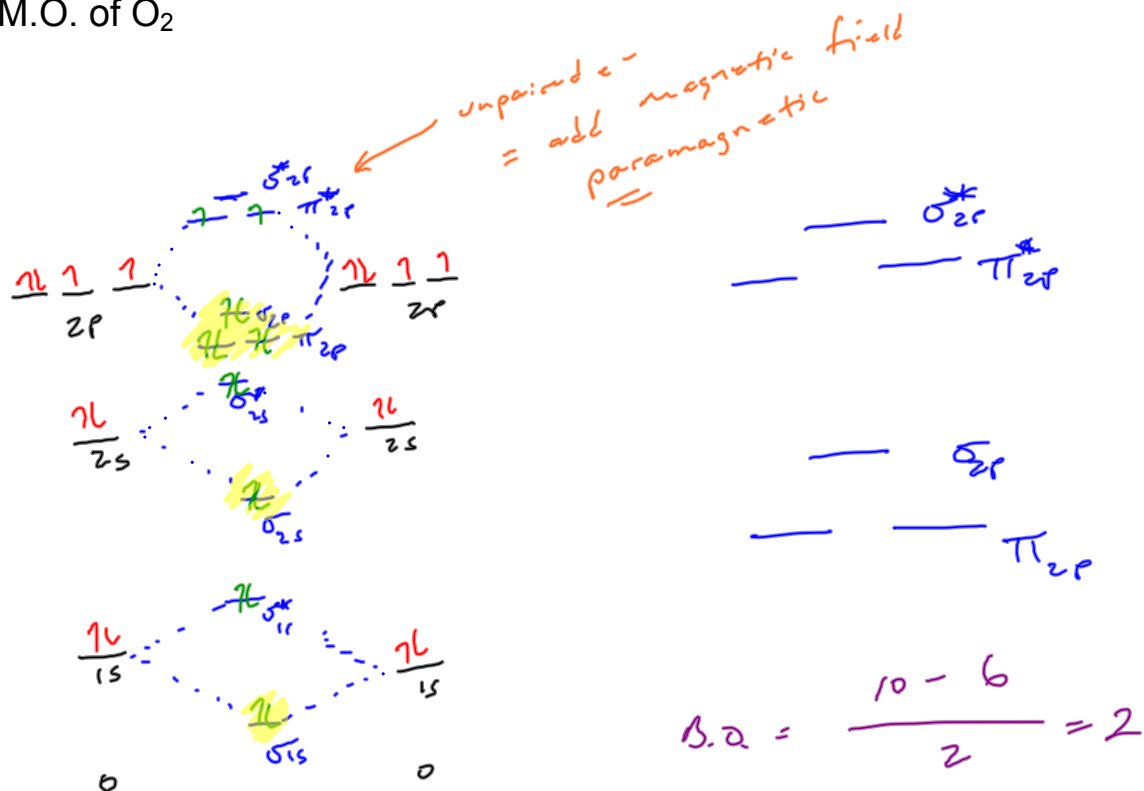
$$B.O. = \frac{4 - 2}{2} = 1$$



Interference of p orbitals



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



F<sub>2</sub>

