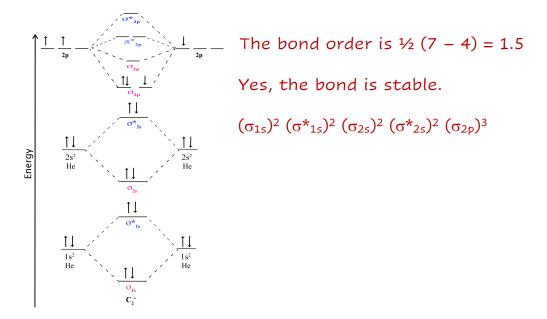
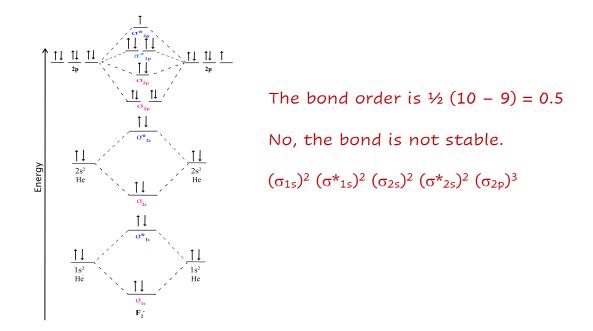
Molecular Orbital Theory

The MO diagram below is for C_2^+ . Write the MO configuration and determine the bond order. Is this bond stable? Indicate if C_2^+ is paramagnetic or diamagnetic.



Draw a molecular orbital diagram for F_2 . Write the MO configuration and determine the bond order. Is this bond stable?



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