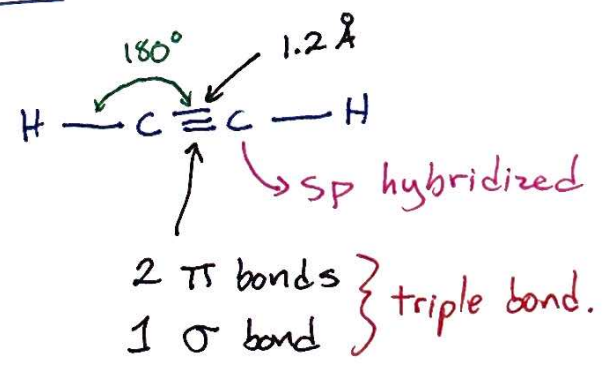


Bonding in Alkynes: On Your Own

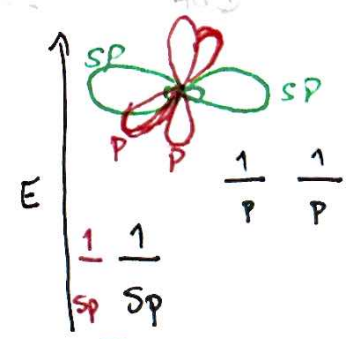
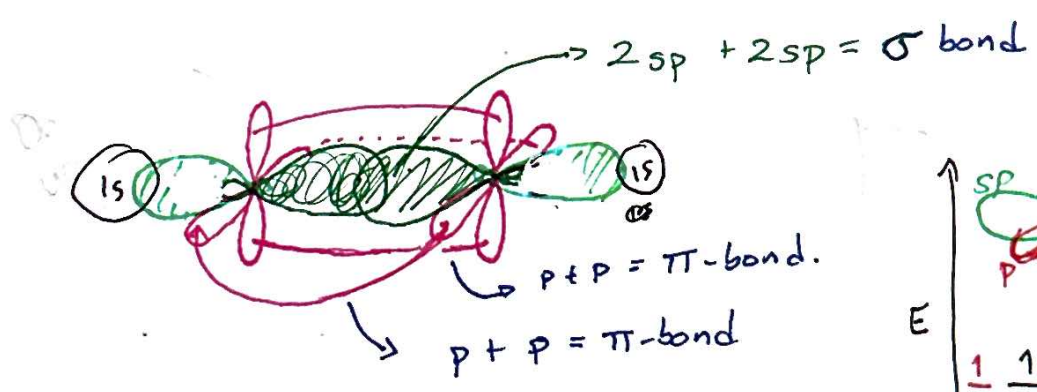
Alkynes are unsaturated hydrocarbons

* Consider

(Acetylene or ethyne)



- Linear structure
- No free rotation about the $\text{C} \equiv \text{C}$ triple bond.



Two ~~one~~ sp hybrid
two p orbitals
from each carbon

Note C-C distances



after W&W

