



























Energy: Closer the better

The closer AO's are in energy, the greater the bonding/antibonding effect.

If AO's have same energy (identical atoms, homonuclear bond), MO's will be 50% of each AO.

If AO's have different energy (different atoms, heteronuclear bond), ...

Bonding MO → contains more of the lower energy AO

Antibonding MO → contains more of the higher energy AO















