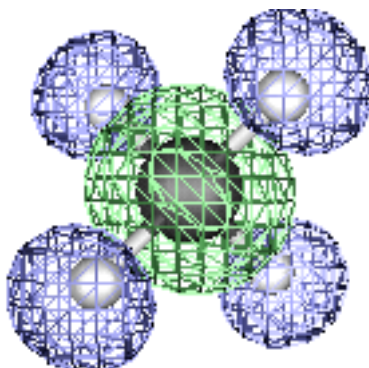
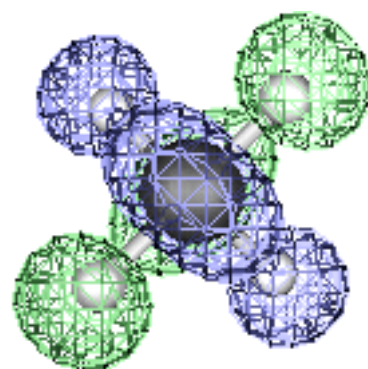
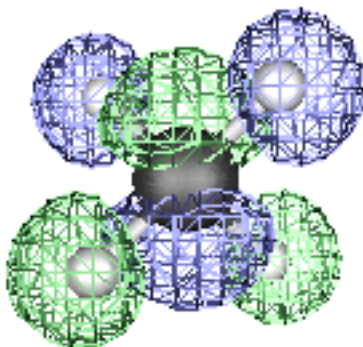
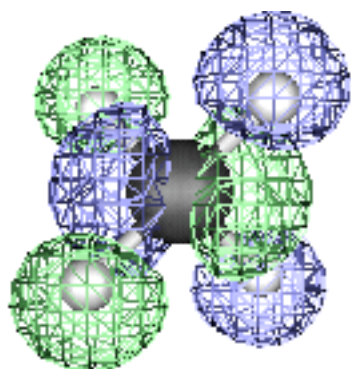


# Molecular Orbitals of Methane

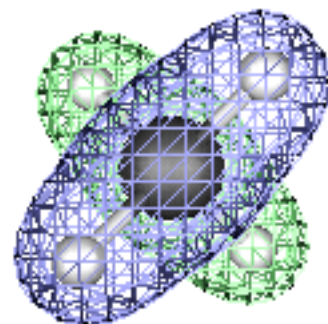
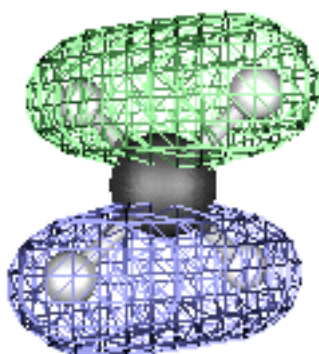
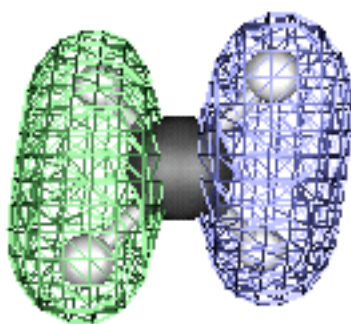
Energies in Hartrees; 1H = 627.5 kcal/mol



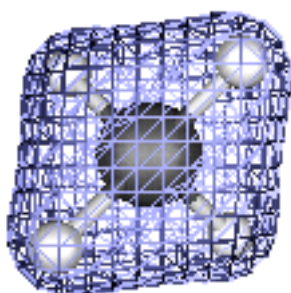
$E = +0.789$



$E = +0.703$



$E = -0.547$



$E = -0.943$