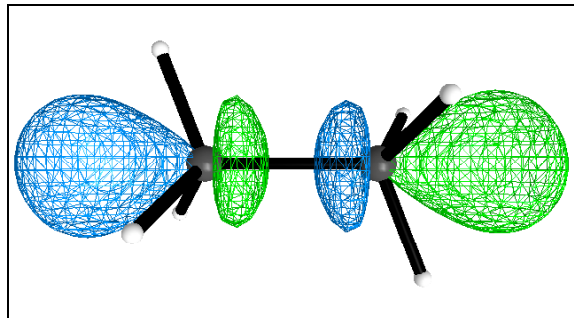


MOs of Ethane

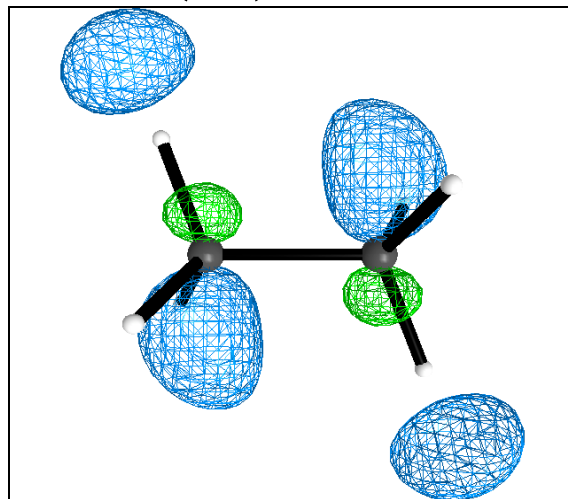
RHF/6-31G* level

E's in AU (Hartrees); 1 H = 627.5 kcal/mol
RCC = 1.527, rCH = 1.086; aCCH = 111.2°

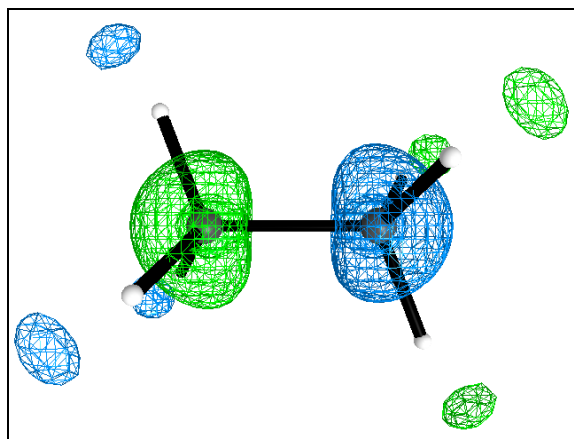
0.413



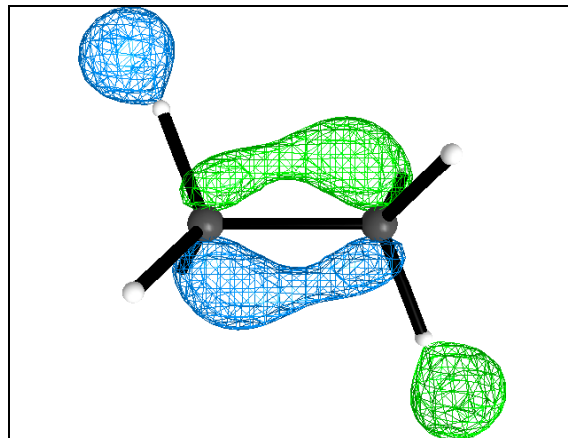
0.339 (x2)



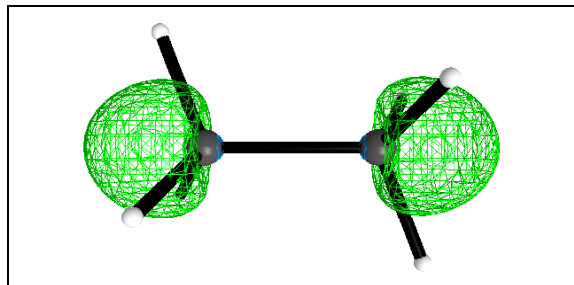
0.303



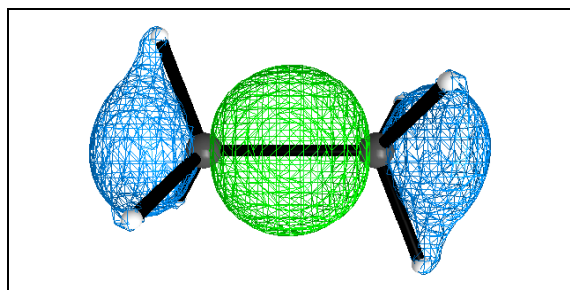
0.318 (x2)



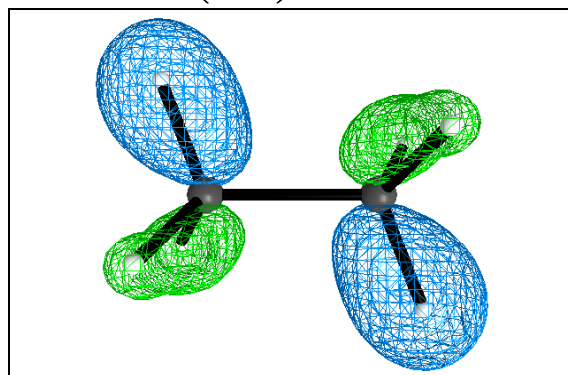
0.243



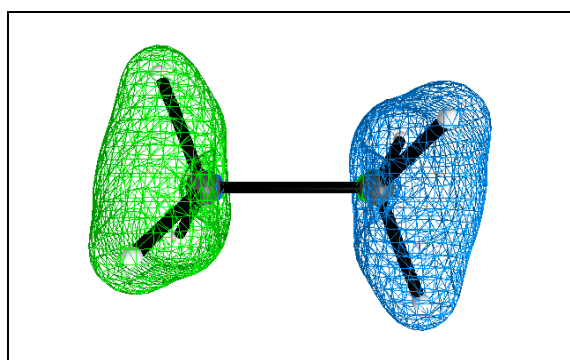
-0.509



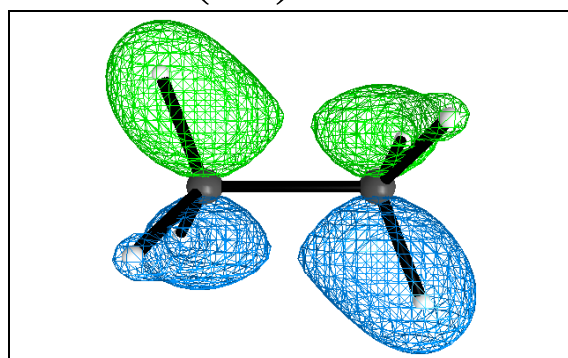
-0.488 (x2)



-0.844



-0.598 (x2)



-1.019

