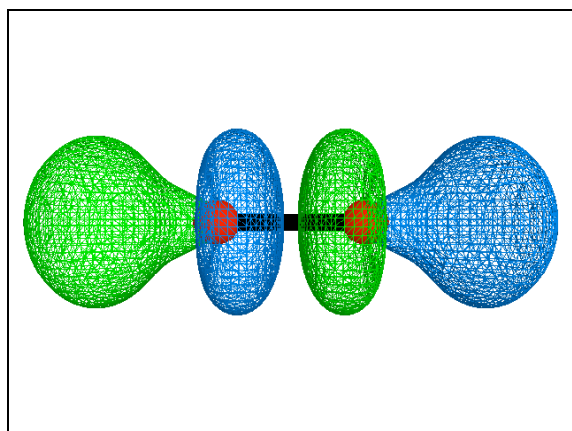
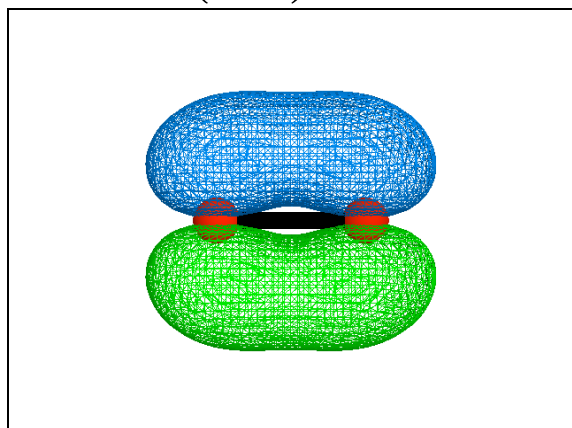


Valence MOs of O₂

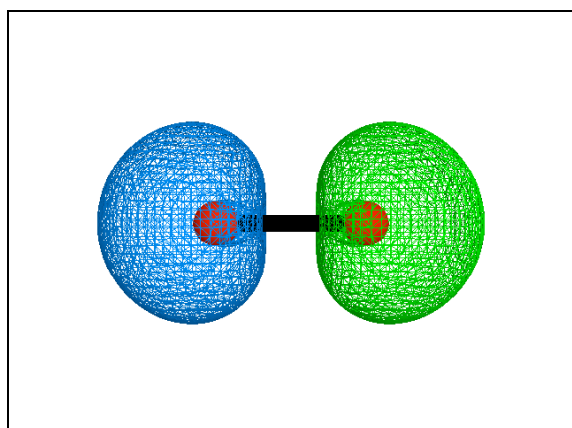
0.457



-0.494 (x 2)



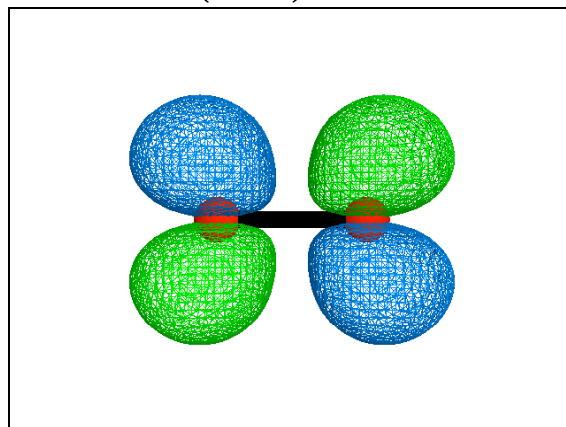
-0.900



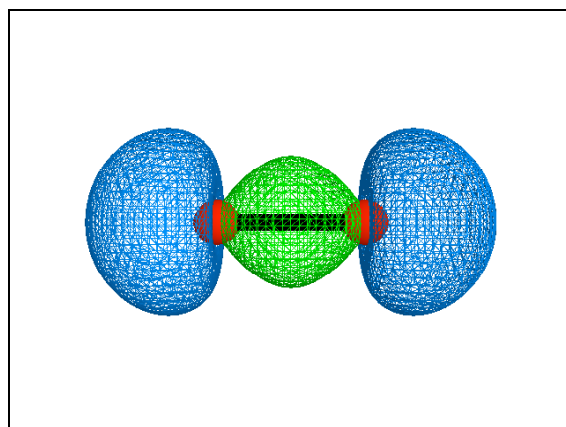
ROHF/6-31G* level

E's in AU (Hartrees); 1 H = 627.5 kcal/mol
rOO = 1.163 Å

-0.189 (x 2)



-0.670



-1.592

