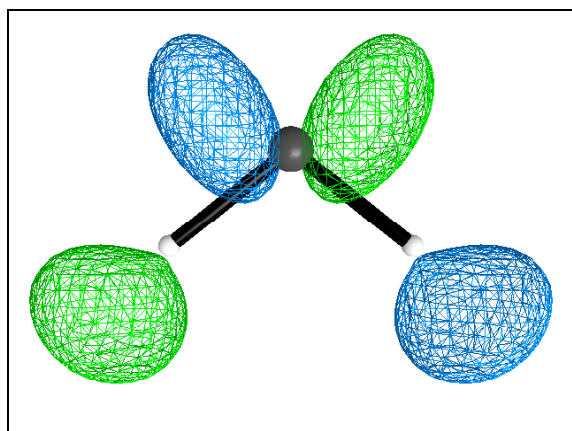


# Valence MOs of ${}^1\text{CH}_2$

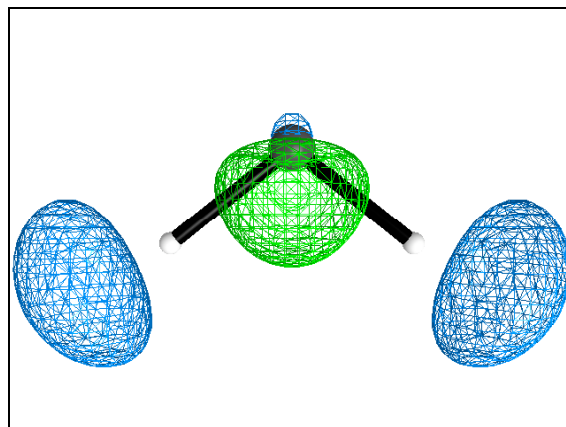
# RHF/6-31G\* level

$E$ 's in AU (Hartrees); 1 H = 627.5 kcal/mol  
 $r_{\text{CH}} = 1.097$ ;  $\text{aHCH} = 103.1^\circ$

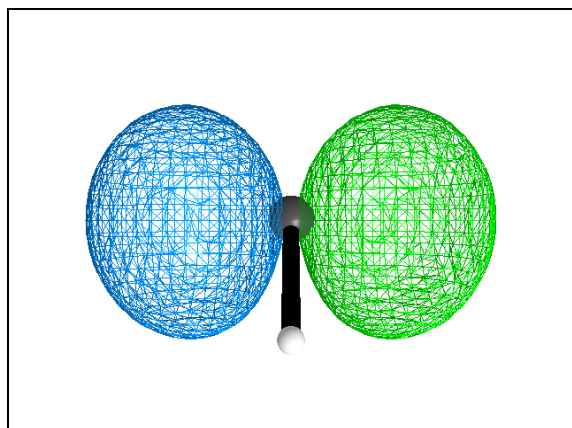
0.319



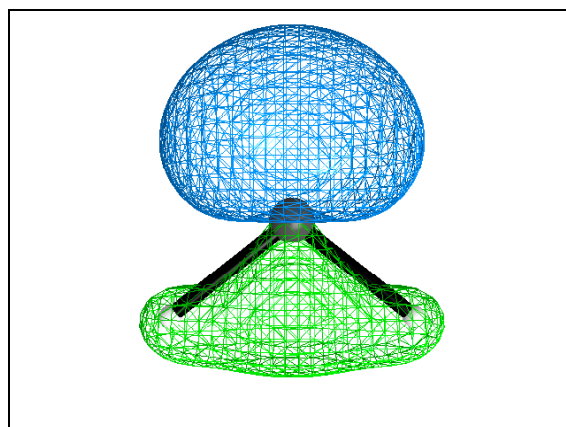
0.264



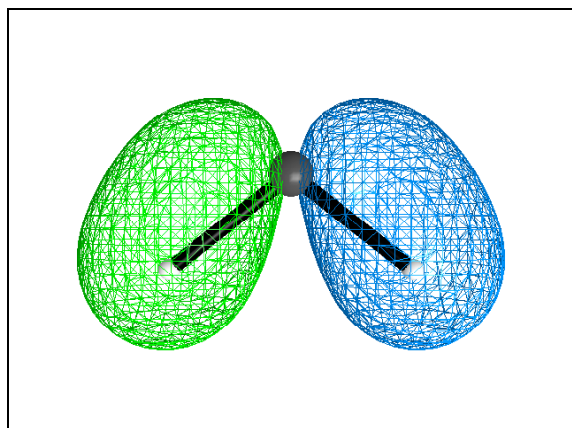
0.073



-0.385



-0.565



-0.892

