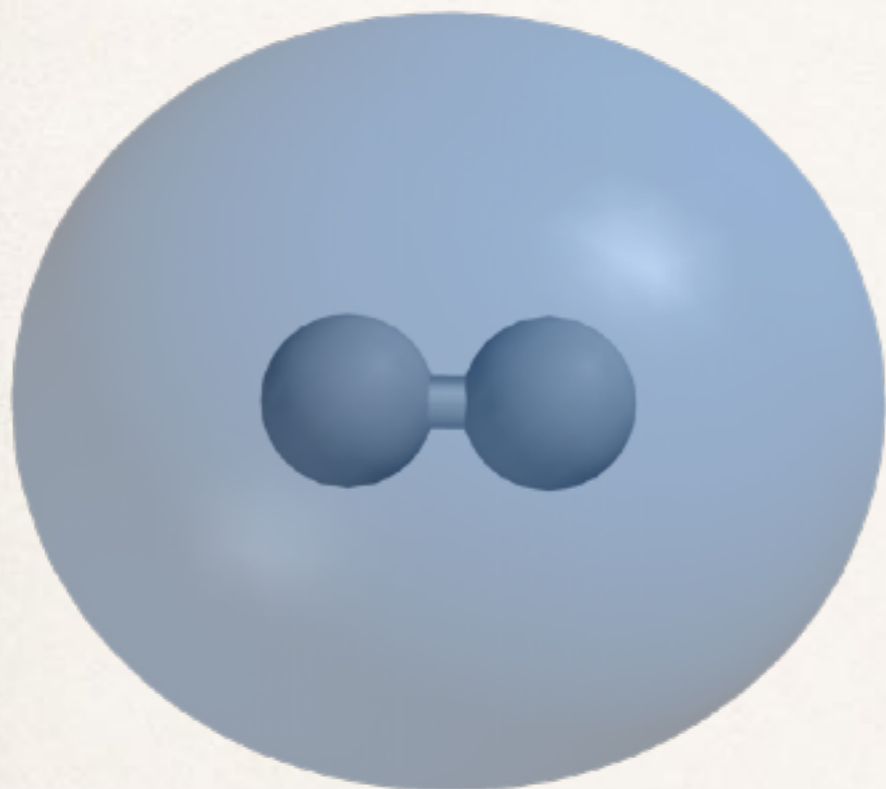
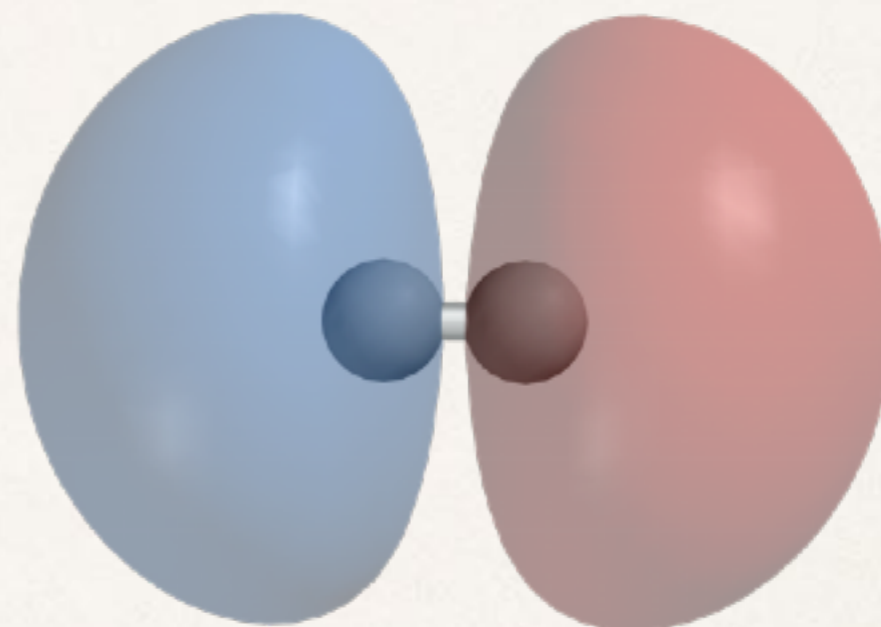


Orbitals must overlap



H₂ 1s σ bonding
molecular orbital



H₂ 1s σ^* antibonding
molecular orbital