

2.3. The corresponding weights (neglecting all overlaps for simplicity) are therefore,

$$\psi_{Hückel} = 25\% \phi_a + 6.25\% \phi_b + 6.25\% \phi_c + 25\% \phi_d + 25\% \phi_e + 12.5\% \phi_f$$

Thus, according to simple MO theory the radical character of ozone is 12.5%.