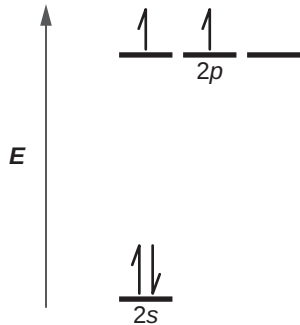


Orbitals in an isolated C atom

Orbitals in the  $sp$  hybridized C in  $\text{CO}_2$ 

Hybridization

