

9.11: Vocabulary and Concepts

antibonding orbital
bonding orbital
Born-Oppenheimer approximation
Coulomb integrals
exchange integral
Franck-Condon factor
gerade
Herzberg Diagrams
Hund's case (a)
Hund's case (b)
linear combinations of atomic orbitals
Molecular Orbital Method
Molecular Orbital theory
negative overlap
orbitally forbidden
overlap integral
paramagnetic
rovibronic transitions
Separated Atom Method
ungerade
United Atom Method
vibronic transition
vibronically allowed transition
Wigner-Witmer rule

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