

LECTURE 16
HYBRIDIZATION AND CHEMICAL BONDING

- I. Example: Methyl nitrate CH_3ONO_2**
 - A. Finding the lowest energy Lewis structure
 - B. Bond symmetry
 - C. Hybrid orbitals
 - D. Atomic orbitals

- II. Intramolecular Interactions: Origin of a Bad Hair Day**
 - A. Hydrogen bonding
 - B. Water
 - C. Keratin