

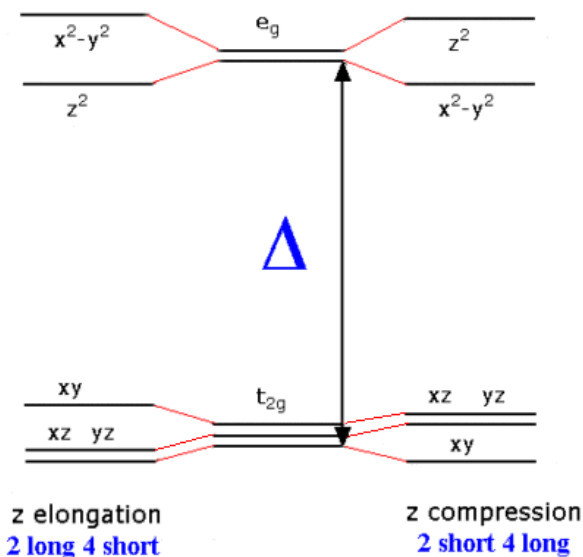
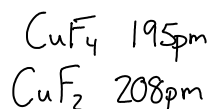
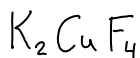
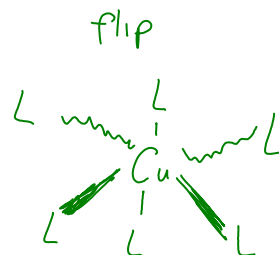
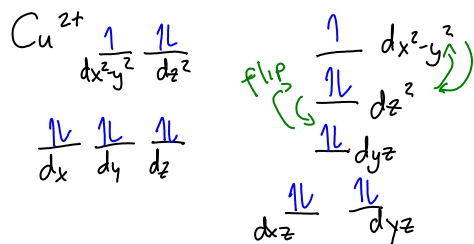
Notes 03/10

trucaadien@ucla.edu

Monday, March 10, 2008
10:04 AM

Jahn-Teller Distortion

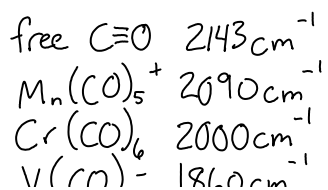
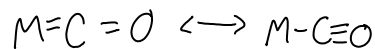
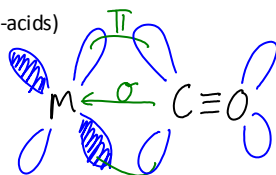
There cannot be unequal occupation of orbitals with identical energies



Pasted from <<http://www.chem.uwimona.edu/im:1104/courses/JahnTeller.html>>

M-LPi interaction

Pi-backbonding (pi-acids)



$$\tilde{\nu}(\text{CO})_6^- \approx 1860 \text{ cm}^{-1}$$

