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(23) SPARTAN SGI Version 5.0.3, Wave Function Inc., 18401 Von Karman Ave, #370, Irvine, CA 92612.

Figure 1. Top Panel: Room-temperature Absorption Spectrum In THF (left) And 20 K Emission Spectrum (right) Of CuTpAsPh_3 . Middle Panel: Room-temperature Absorption Spectrum In Diethyl Ether 2th, 2024

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MO Theory Of ML 6 Complexes Key Points: ▶ Filled Ligand Orbitals Are Lower In Energy Than Metal d-orbitals ▶ The Orbitals That Are Treated In LFT Correspond To The Anti-bonding Metal-based Orbitals In MO Theory ▶ Through Bonding Some Electron Density Is Transferred From The Ligand To The Metal ▶ The Extent To Which This Takes 2th, 2024

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Electron Pairing Energy The Total Electron Pairing Energy, P Total, Has Two Components, P_{cand} and P_{e} • P_{cis} A Destabilizing Energy For The Coulombic repulsion Associated With Putting Two Electrons Into The Same Orbital • P_{eis} A Stabilizing Energy For Electron Exchange Associated With Two Degenerate EI 2th, 2024

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Transition Dipole Moment The Transition Dipole Moment Is The Intrinsic Intensity Of A $1s \rightarrow Np$ Transition. This Depends On The Radial Functions Of The $1s$ And $3p$ Orbitals Sulfur Chlorine F. Neese Et Al., Inorg. Chem., 1999, 38, 4854. Transition Dipole Integral $3p$ Radial Expectation Value Monday, July 19, 2010 2th, 2024

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It Is Equally Valid To Write The Equilibrium Constant In Either Of Two Ways: $K_{\text{association}} = K_a = \frac{[R] \cdot [L]}{[RL]}$
 $K_{\text{dissociation}} = K_d = \frac{[RL]}{[R] \cdot [L]}$ Where The Concentrations Of The Free R, Free L And The Complex Are The Concentrations At Equilibrium $K_a = 1/K_d$ It Is Also Easy To Show That $\Delta G_{\text{association}} = -\Delta G_{\text{dissociation}}$ 1th, 2024

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Differences In Folding And Structural Aspects, And, Partly Related To This, In Their Affinity To Ca^{2+} . It Is Well-documented That In The Ca^{2+} -free Apo Form, The C-terminal Do-main (C-domain) Is More Disordered, And Thus Has A Lower Stability Than The More Folded N-terminal Lobe. Upon Ca^{2+} -binding, The Stability Of Both Domains Raises ... 1th, 2024

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Chem. Commun. This Journal Is C The Royal Society Of Chemistry 2010 (see ESIw). Thus, The ^1H NMR Behavior Of 13 Appears To Be Consistent With Its Solid-state Structure. We Examined The Possibility Of A $S^*(d Z_2) - S(p Z)$ Transition Resulting From A D 8-d Interaction In Solution By Comparing The Electronic Absorption Spectrum Of 13 With Those Of Its

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