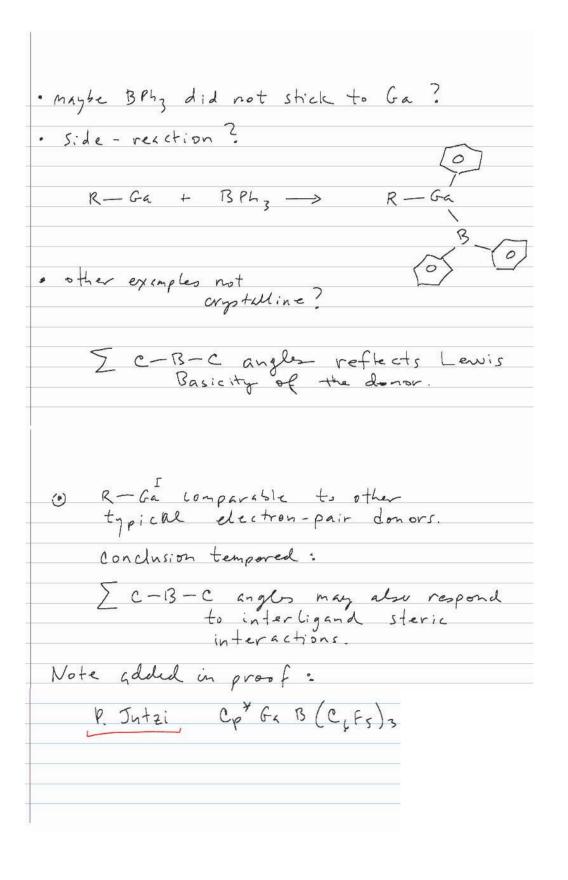
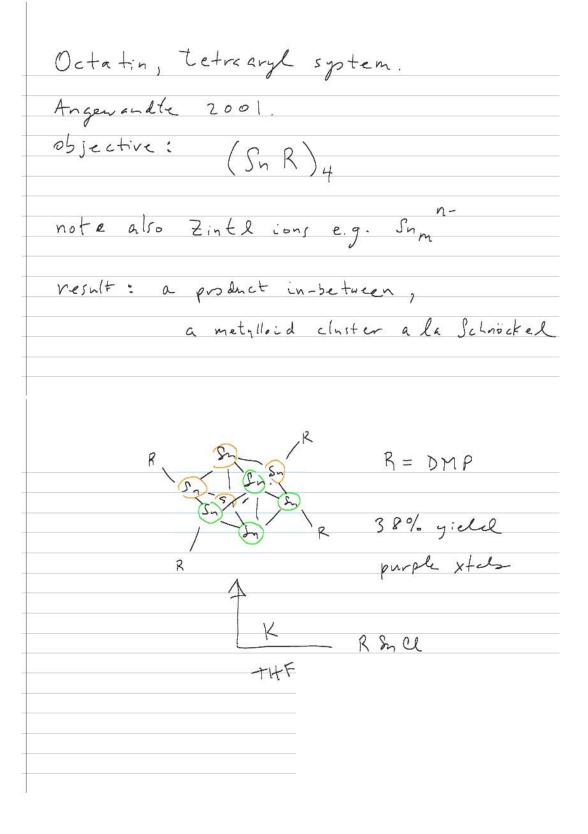
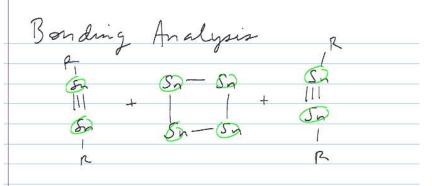
Power Lecture  Note Title  Power Lecture	005
Objective: "pure of donor-acceptor complex"  Ba/B donor-acceptor  interest in lone pair on Ga <sup>I</sup> center  comparison with Ga <sup>I</sup> ligation to d-block elements	
Cga D-Ga	
monomer in solid state  Acceptor:  FF	
Donars  B  Co  F  3	







20 cluster bonding electrons if Sny all divalent.

119 Sn Solid-State NMR

No logical correlation between X and Siso

With solid-state NMR,	
one can relate molecular	structure
to $S_{11}$ , $S_{22}$ , and $S_{33}$ .	
$\delta_{iso} = \frac{\delta_{ii} + \delta_{22} + \delta_{33}}{3}$	large CSA
singlet, closed-shell mols.	
I = Sdia + Spara + Ss.o.	asymmetry at In
Care occviv.	
Core occ.	