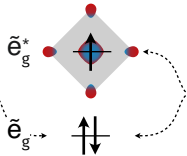




d^7



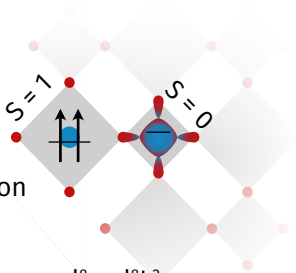
covalent
bonding



$d^8 \underline{L}$



bond disproportionation
(phase transition)



$d^8 + d^8 \underline{L}^2$