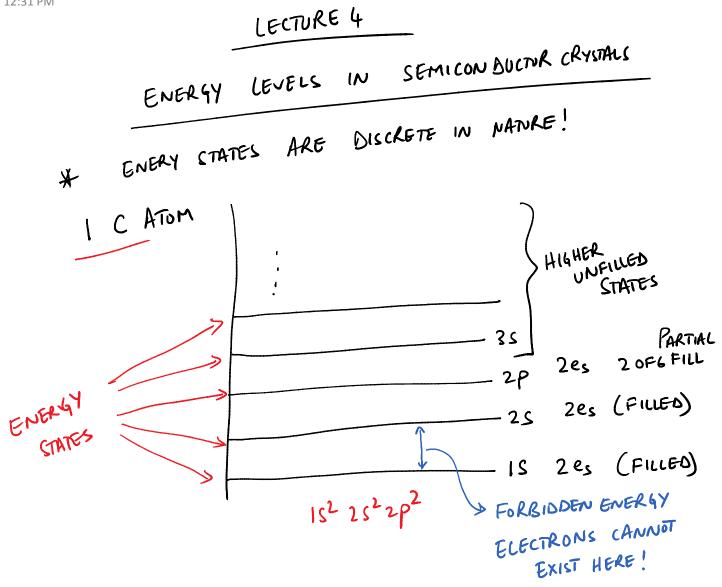
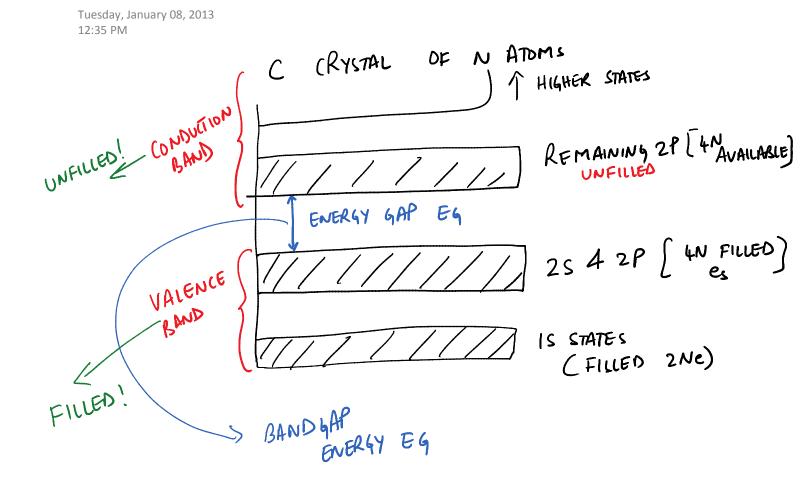
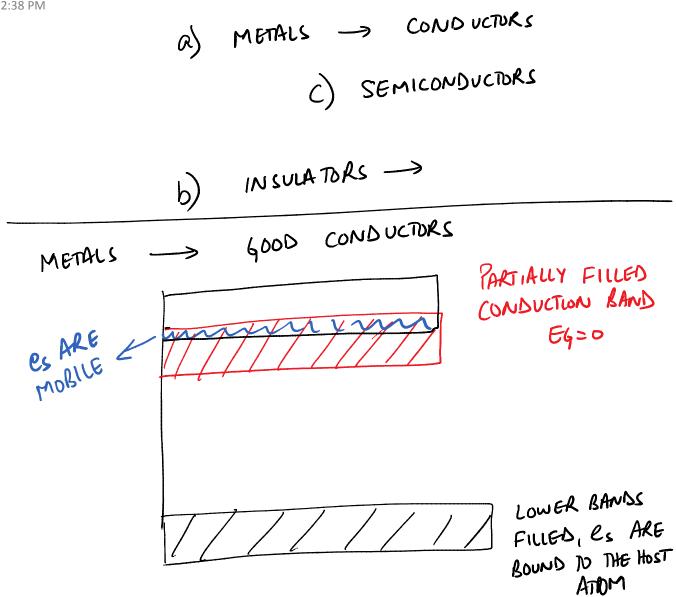
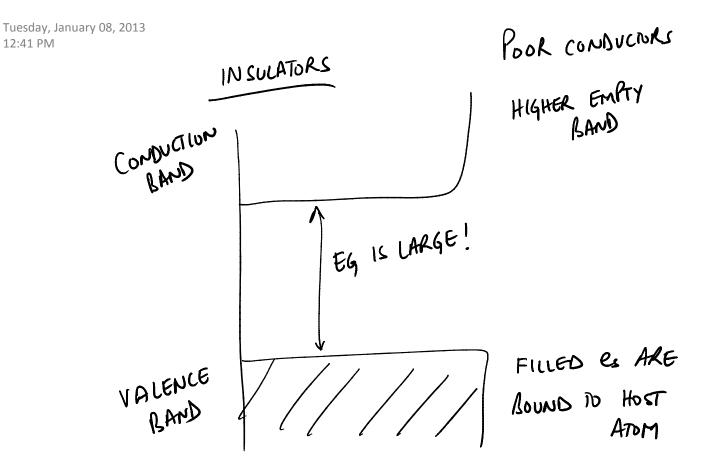
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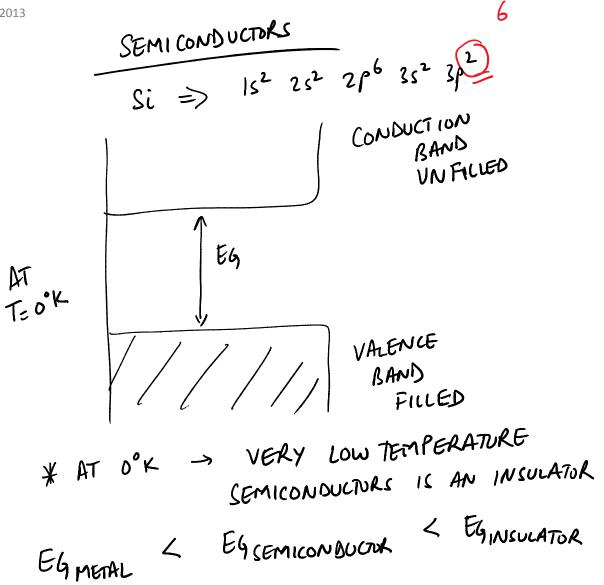


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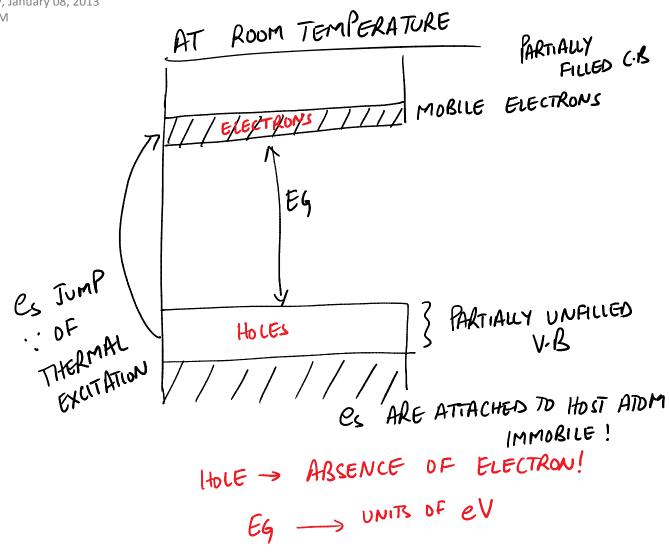




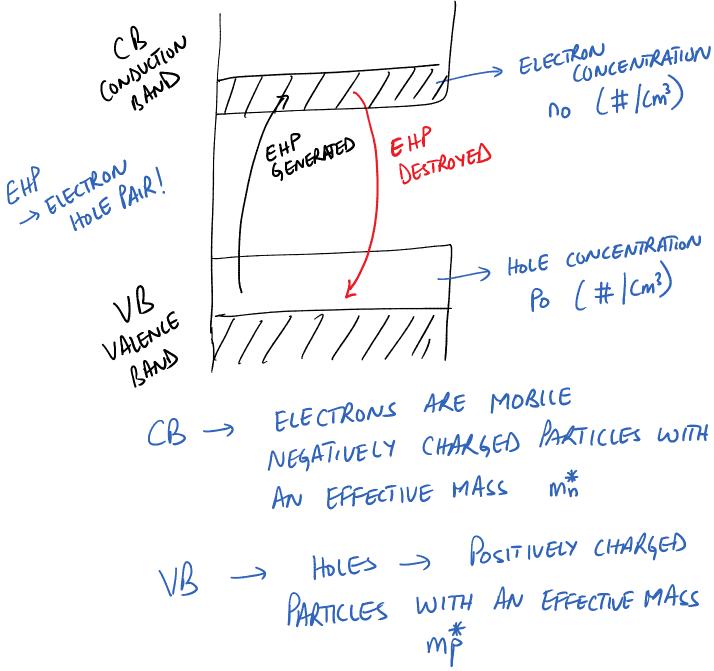
Tuesday, January 08, 2013 12:42 PM



Tuesday, January 08, 2013 12:45 PM



Tuesday, January 08, 2013 12:48 PM



Tuesday, January 08, 2013 12:52 PM

GENERAL CONDITIONS CARRIER CONCENTRATIONS n -> ELECTRONS # (m3, cm3  $\rightarrow$  Holes  $\# | (m^2, (m^3))$ Ρ STEADY STATE CONDITION CARRIER CONCENTRATION DOES NOT CHANGE BUT SOME E-FIELD MAY BE PRESENT P N E QUILIBRIUM CONDITIONS ONLY B DUE TO TEMPERATURE AND IMPURITIES 10 Po