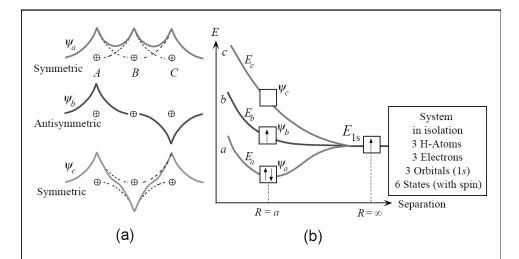
4.2 Band theory of solids

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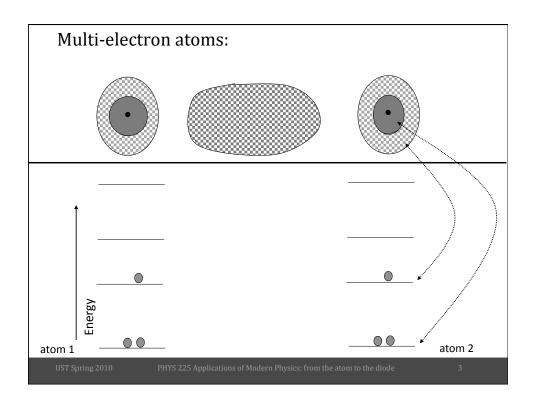
- (a) Three molecular orbitals from three ψ_{1s} atomic orbitals overlapping in three different ways.
- (b) The energies of the three molecular orbitals in a system with three H atoms.

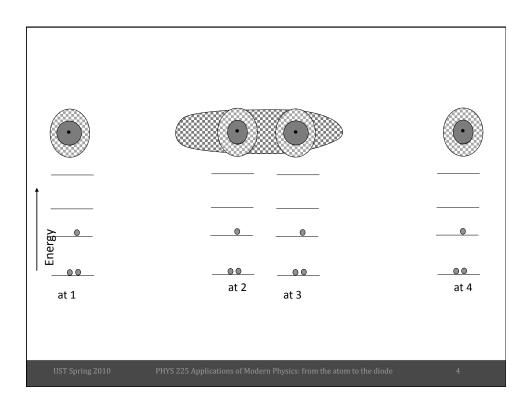
From Principles of Electronic Materials and Devices, Third Edition, S.O. Kasap (© McGraw-Hill, 2005)

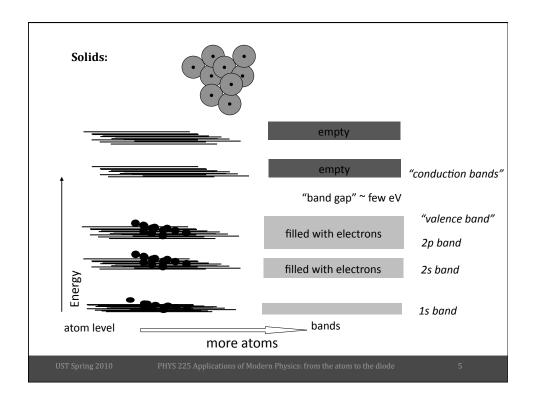
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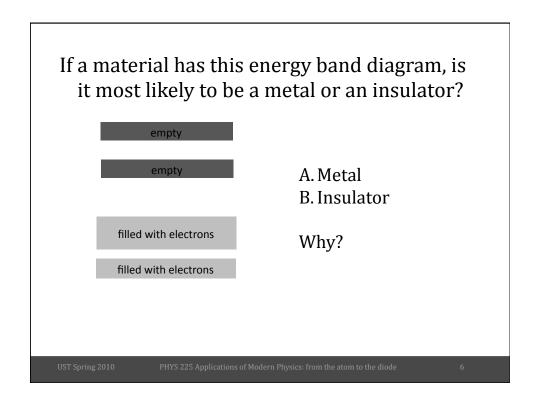
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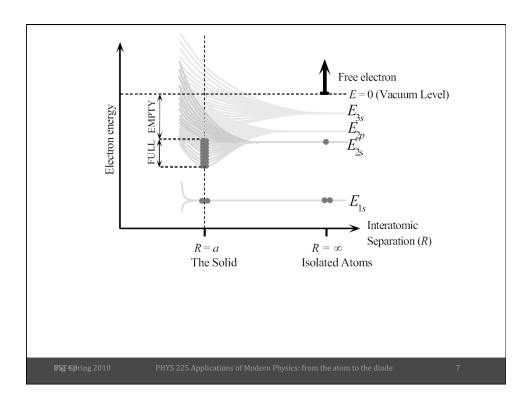
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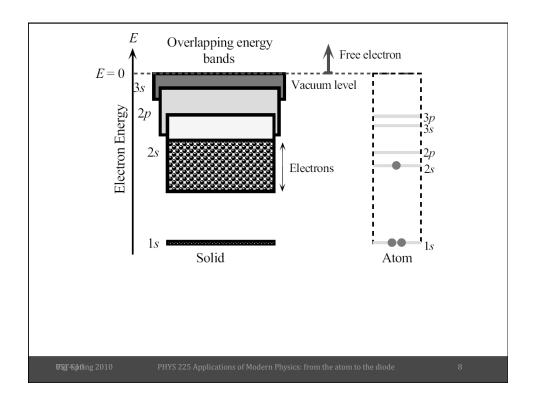


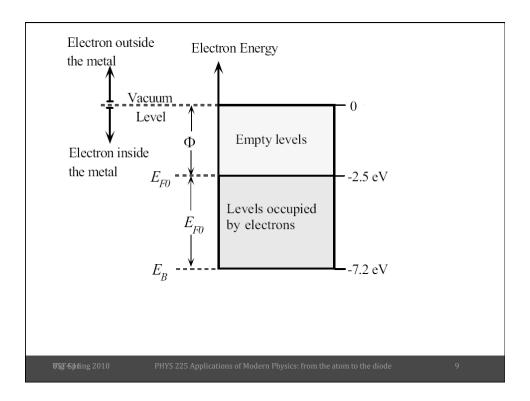


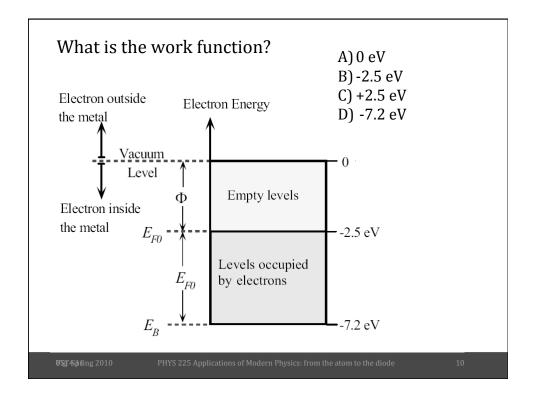


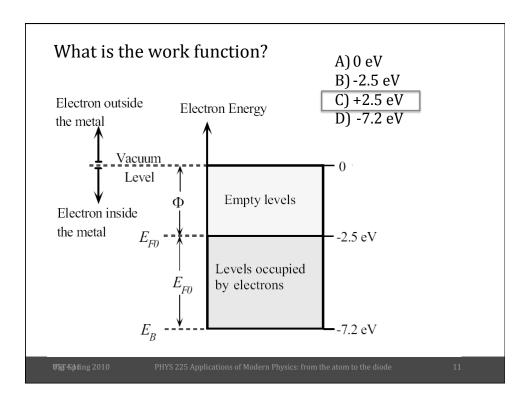


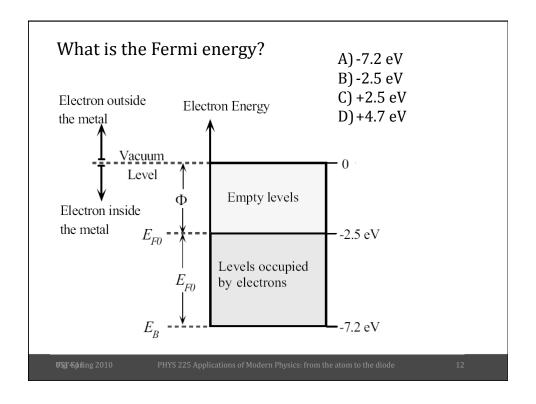


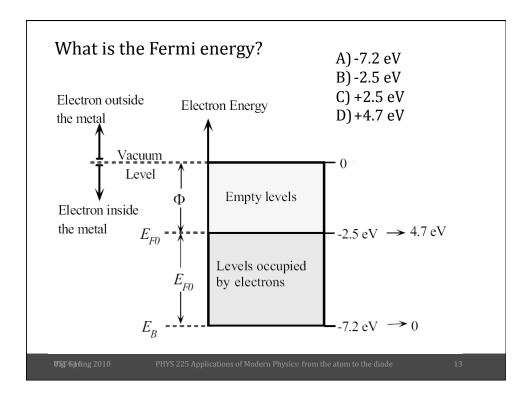












What is the difference between Fermi energy and work function?

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