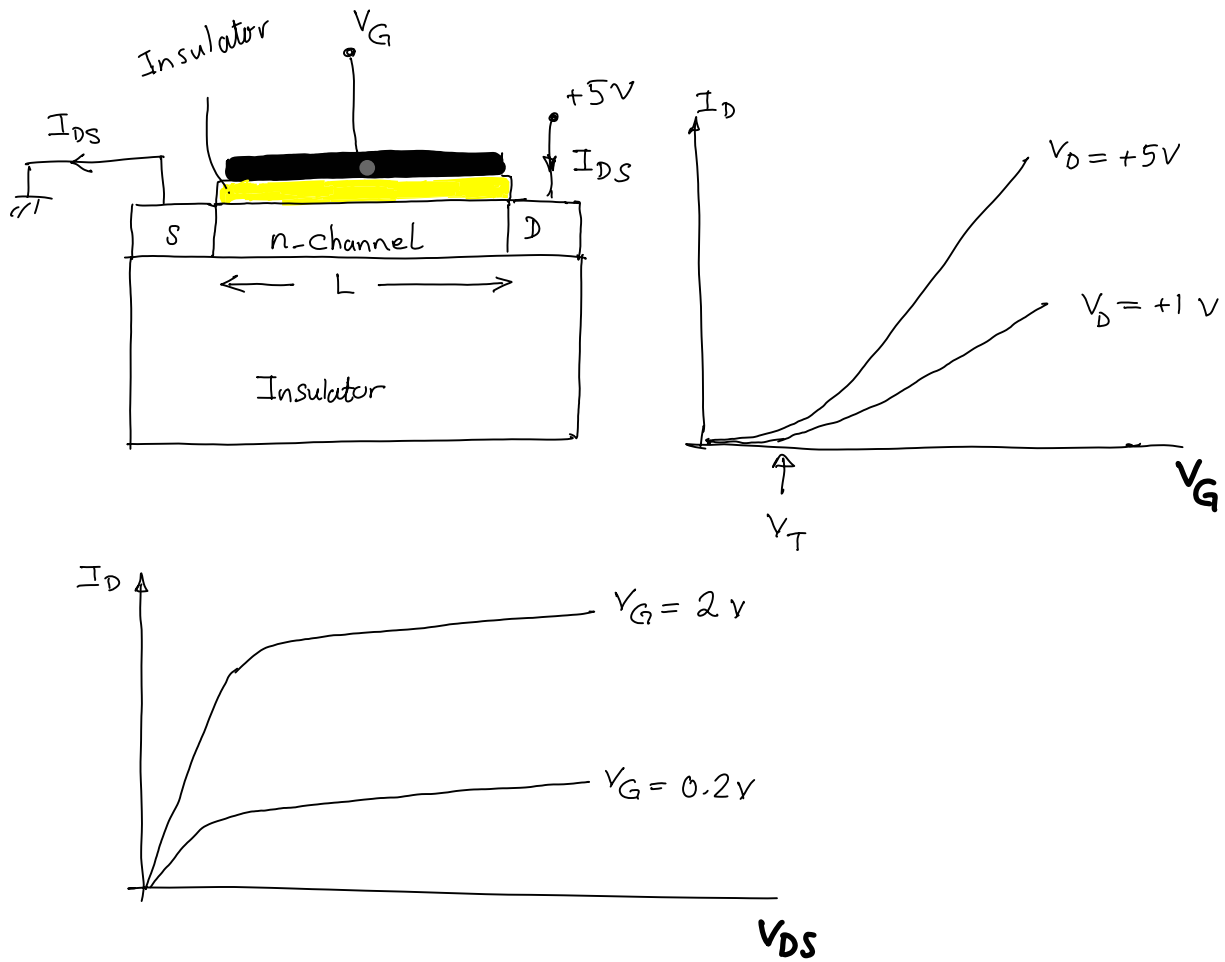


Charge Transport in Nanostructures

Session 1-2

Note Title

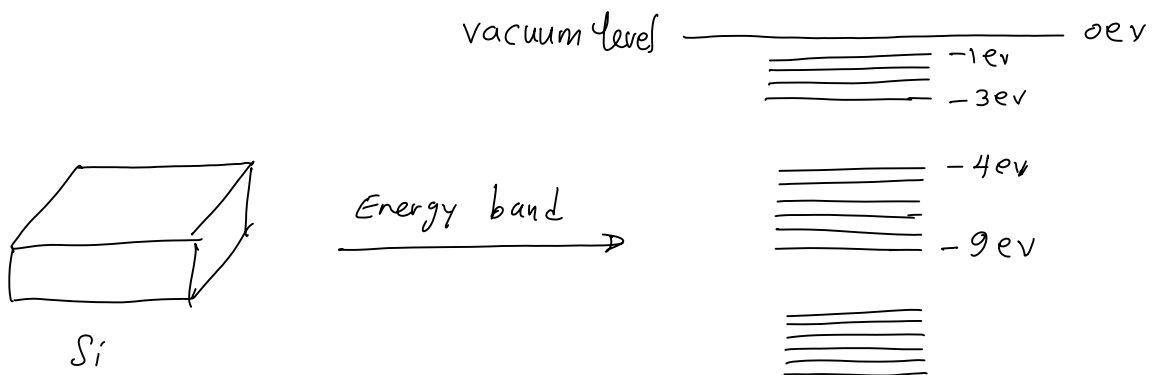
9/15/2008

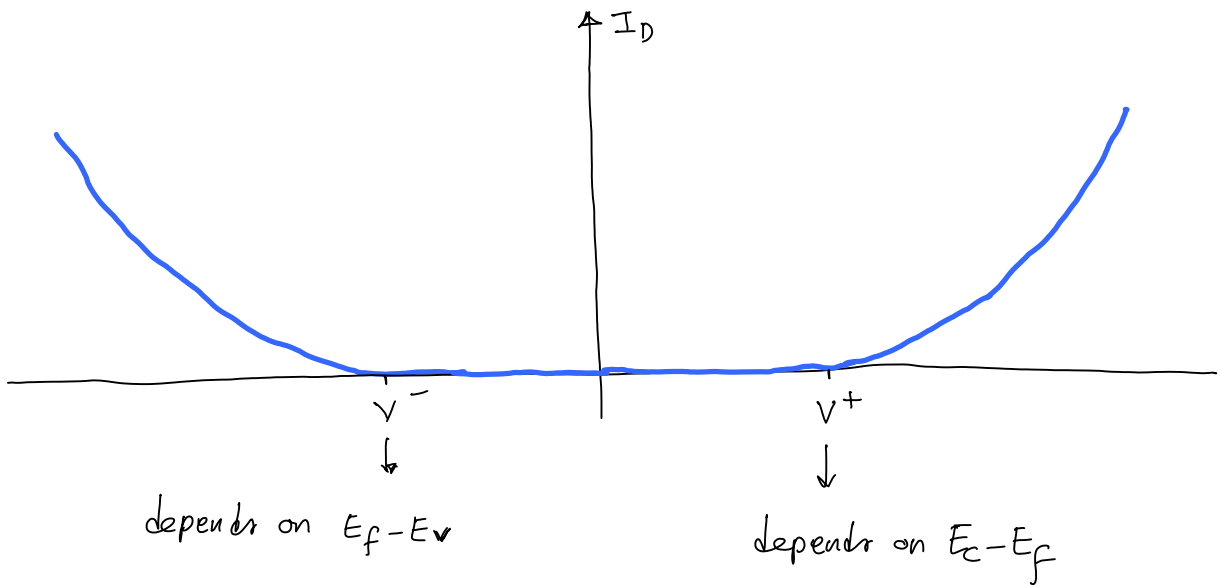
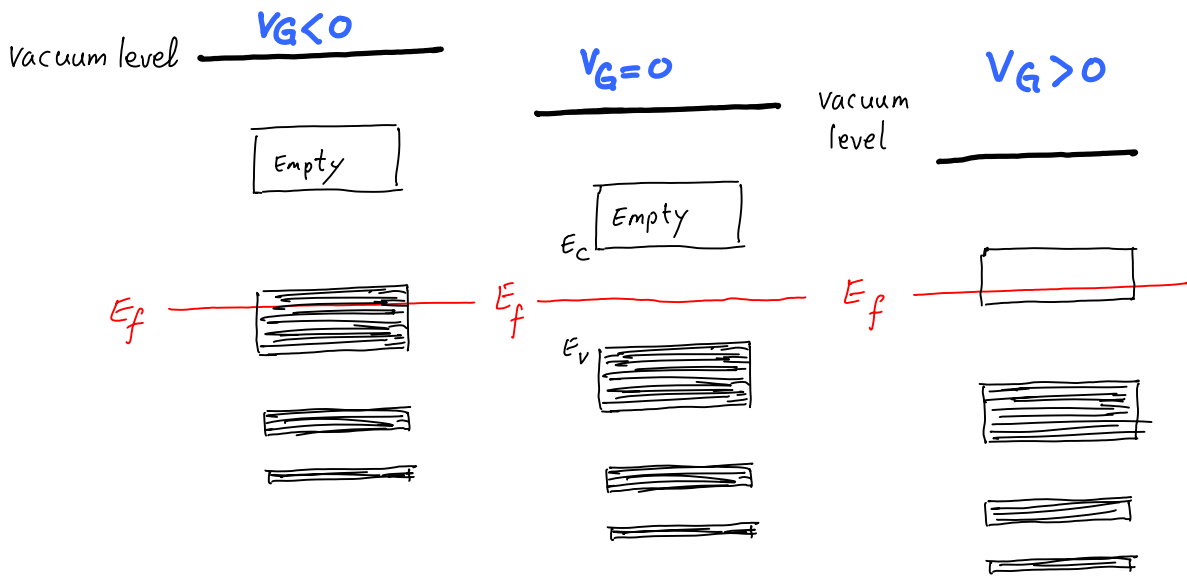
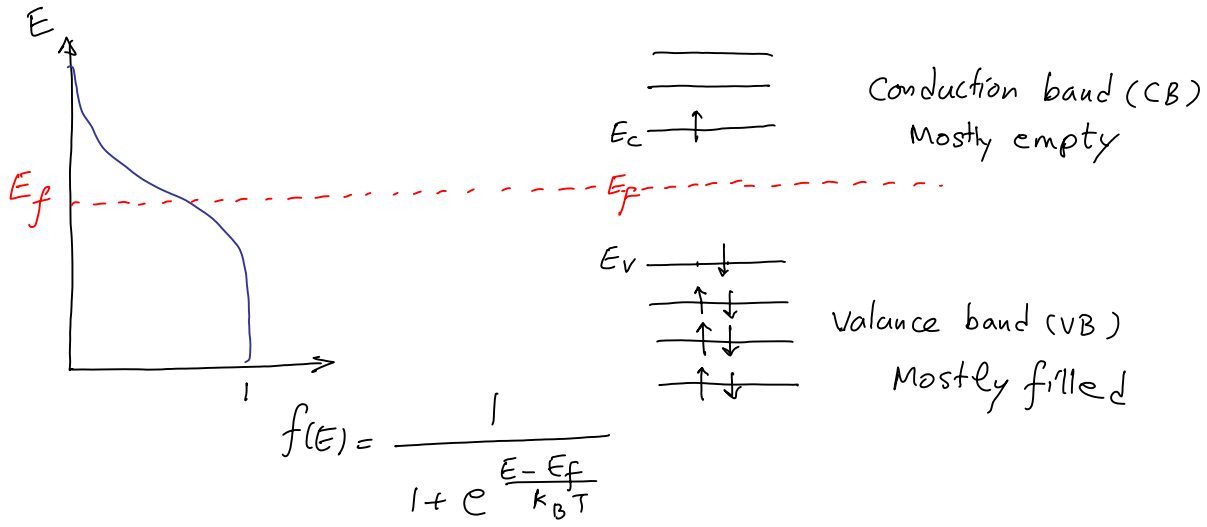


What is the physics here?

What is the physics when $L \sim nm$?

Let's try to explain the I-V characteristics:





Example

Plot I_D vs. V_G for the following energy diagram in the channel region.

