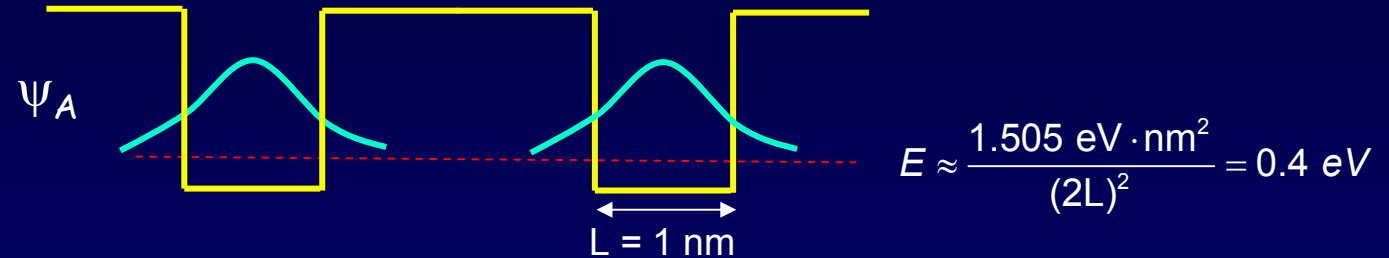
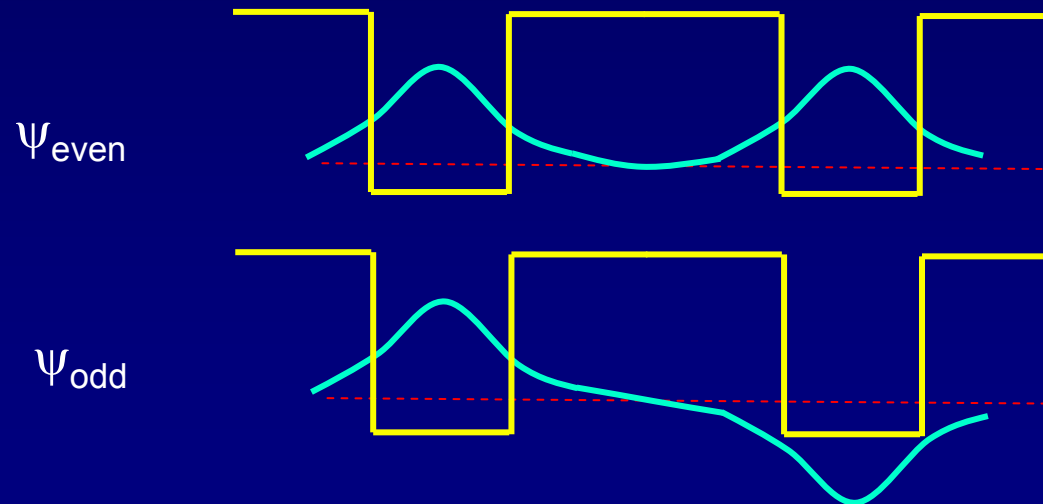


'Molecular' Wave functions and Energies

"Atomic" wave functions:



'Molecular' Wavefunctions: 2 'atomic' states \rightarrow 2 'molecular' states



When the wells are far apart, the 'atomic' functions don't overlap.
The single electron can be in either well with $E = 0.4 \text{ eV}$.