

FIG. 6: Interband μ_{11} dipole moments as a function of h for the four different models.

the increased displacement of the hole wavefunctions away from the center leading to the observed decrease in the dipole moments.

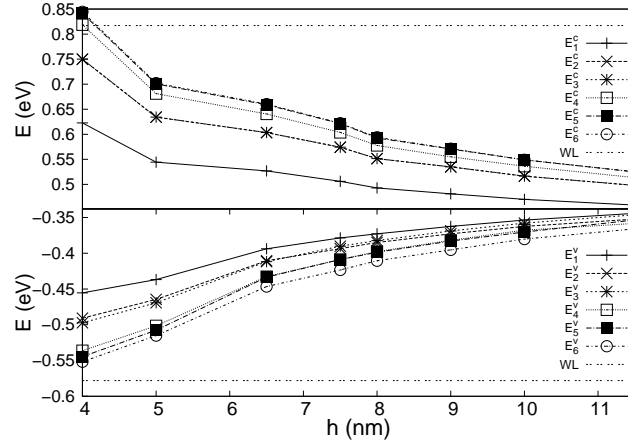


FIG. 7: Energies of the six considered levels in conduction (top) and valence (bottom) band as a function of h for eight-band model with strain. The onset of continuous wetting layer states (WL) is also indicated (dashed-horizontal line).

In Fig. 7 we plot the energies of the first six levels in the conduction (top) and valence band (bottom) as a function of the height h . The wave functions of the confined states are characterized (in the eight-band model) by eight envelopes weighted differently depending