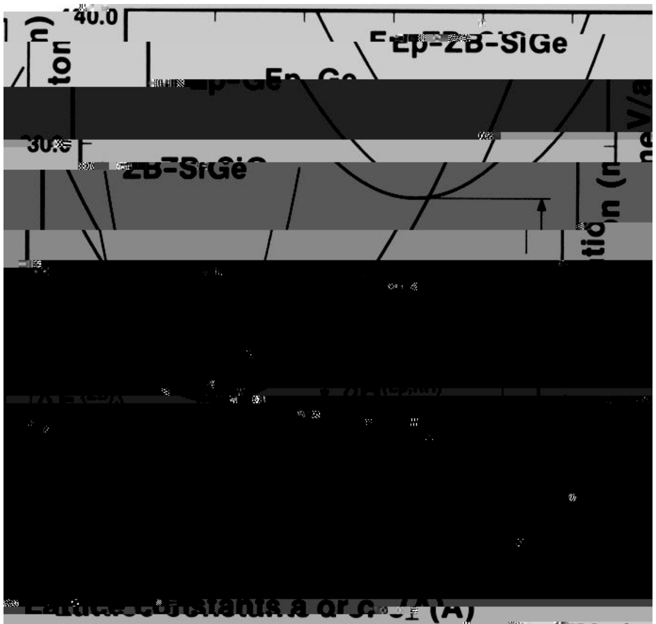

Energy of bulk Ge, zinc-blende (ZB) SiGe, and
dral (RH) SiGe as functions of the lattice constant
or epitaxially (Ep) confined (to a_{Si}=5.387 Å) ZB
RH SiGe as a function of c. For each curve the zero of
the energy scale was adjusted such that the minimum of the curve gives the enthalpy of formation. ΔE_{ss} denotes the substrate strain; the shaded area denotes the *negative* enthal-
py δH of Ep-RH SiGe. Energy cutoff of 10 Ry was used.

FIG. 3.
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