·• · · · · · · ·	is such that (i) the surface band gap levels are	where each term is a difference with respect to σ_0 .
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	atomic sites charge-compensate each other. In the	chemical potential, μ_{Ga} and μ_{As} , and not a function
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and identical motifs frequencies $\{\omega_M\}$ (i.e., chemically identical). As a consequence, in constructing the AI + AII grooves and the double A steps from the $\beta 2(2 \times 4)$ surface, we do not need to transfer any atom between the surfaces and atomic reservoirs. In other words, the formation energies of the AI + AII grooves and the double A steps from the parent

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dimer are indistinguishable, thus each contributes	0.15
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