

Edge States in bilayer and trilayer graphene nanoribbons

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We study the effect of spin-orbit interaction in the edge states of both bilayer and trilayer graphene nanoribbons when both s and p orbitals are taken into account.

For this purpose we use a four orbital tight-binding model in the Slater-Koster approximation with intrinsic spin-orbit coupling, allowing us to study both bulk and edge properties.

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