عنوان مقاله:

Dielectric Function of Graphene Based Quantum Dot under the Uniaxial Stress

محل انتشار:

اولین همایش نانومواد و نانوتکنولوژی (سال: 1390)

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خلاصه مقاله:

Dielectric function of graphene based quantum dot under uniaxial pressure have been studied using the density functional theory (DFT) with local-density approximated(LDA) exchange-correlation functionals. The frequency dependent dielectric function has been obtained and the linear optical properties have been studied. It has been shown that stress results in blue and red shifts depending on the direction of the polarization and value of the stress

کلمات کلیدی:

Dielectric function, density functional theory, quantum dot

لینک ثابت مقاله در پایگاه سیویلیکا:

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