

Abstract Submitted
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Surface Vibrational Modes in Multilayer Graphene GREGORY
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son University, 8000 York Road, Towson, MD 21252 USA — The surface vibrational
modes in multilayer graphene are studied based on both density-functional theory
and the force constant model. It is found that these modes are mainly localized on
the surface layers. The relationship between these modes and the stacking order as
well as the layer number will be discussed.

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