

Raman spectroscopy of nanopatterned graphene



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Reviews

Very useful to any or all type of people. This is certainly for those who state there was not a worth reading through. You can expect to like how the writer write this pdf.

(Dr. Rashawn Lang)

RAMAN SPECTROSCOPY OF NANOPATTERNED GRAPHENE



Universitaetsvlg. Regensb Aug 2014, 2014. Taschenbuch. Condition: Neu. Neuware - To adress the first issue, the work at hand comprises a Raman study of a Series of samples of singlelayer graphene patterned with square antidot lattices. We have found this nanopatterned graphene to be p-type doped with the doping concentration tentatively depending on the number of antidots per square unit. An attempt at creating pure zigzag edges has been made via an anisotropic etching process applied to square antidot lattices on singlelayer graphene. This thesis shows a step-b-step Raman evaluation of the etching process and verifies via inter-valley scattering that it indeed results in predominantly zigzag edges. 82 pp. Englisch.



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