Accepted Manuscript

Modal analysis for determining the size-and temperature-dependent bending rigidity of graphene

Banafsheh Sajadi, Simon van Hemert, Behrouz Arash, Pierpaolo Belardinelli, Peter G. Steeneken, Farbod Alijani

Signal of the Street

Carbon

PII: S0008-6223(18)30632-8

DOI: 10.1016/j.carbon.2018.06.066

Reference: CARBON 13271

To appear in: Carbon

Received Date: 26 March 2018
Revised Date: 26 June 2018
Accepted Date: 27 June 2018

Please cite this article as: B. Sajadi, S. van Hemert, B. Arash, P. Belardinelli, P.G. Steeneken, F. Alijani, Modal analysis for determining the size-and temperature-dependent bending rigidity of graphene, *Carbon* (2018), doi: 10.1016/j.carbon.2018.06.066.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Modal analysis for determining the size-and temperature-dependent bending rigidity of graphene

Banafsheh Sajadi^a, Simon van Hemert^a, Behrouz Arash^b, Pierpaolo Belardinelli^a, Peter G. Steeneken^{a,c}, Farbod Alijani^{a,*}

^aDepartment of Precision and Microsystems Engineering, Faculty of Mechanical, Maritime and Materials Engineering, Delft University of Technology, 2628 CD, Delft, The Netherlands.

^bDepartment of Structural Engineering, Faculty of Civil Engineering and Geosciences, Delft University of Technology, 2628 CN, Delft, The Netherlands.

^cKavli Institute of Nanoscience, Faculty of Applied Sciences, Delft University of Technology, 2628 CJ, Delft, The Netherlands.

 ${\it Email address:} \ {\tt f.alijani@tudelft.nl} \ (Farbod \ Alijani)$

Preprint submitted to Carbon March 23, 2018

^{*}Corresponding author

Download English Version:

https://daneshyari.com/en/article/7847218

Download Persian Version:

https://daneshyari.com/article/7847218

<u>Daneshyari.com</u>