Accepted Manuscript

Engineering reversible elasticity in ductile and brittle thin films supported by a plastic foil

Nicolas Vachicouras, Christina M. Tringides, Philippe B. Campiche, Stéphanie P. Lacour

EXTREME MECHANICS LETTERS

The state of the image bescription of the im

PII: S2352-4316(17)30051-2

DOI: http://dx.doi.org/10.1016/j.eml.2017.05.005

Reference: EML 286

To appear in: Extreme Mechanics Letters

Received date: 21 March 2017 Revised date: 30 May 2017 Accepted date: 30 May 2017

Please cite this article as: N. Vachicouras, C.M. Tringides, P.B. Campiche, S.P. Lacour, Engineering reversible elasticity in ductile and brittle thin films supported by a plastic foil, *Extreme Mechanics Letters* (2017), http://dx.doi.org/10.1016/j.eml.2017.05.005

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

Engineering reversible elasticity in ductile and brittle thin films supported by a plastic foil

Nicolas Vachicouras¹, Christina M. Tringides¹, Philippe B. Campiche¹, Stéphanie P. Lacour*

*Corresponding author: stephanie.lacour@epfl.ch

¹These authors contributed equally to this work.

Affiliation:

Bertarelli Foundation Chair in Neuroprosthetic Technology, Laboratory for Soft Bioelectronic Interfaces, Institute of Microengineering, Institute of Bioengineering, Center for Neuroprosthetics, École Polytechnique Fédérale de Lausanne (EPFL), 1202 Geneva (Switzerland).

Keywords: kirigami, thin films, electronic materials, engineered elasticity

Download English Version:

https://daneshyari.com/en/article/5014478

Download Persian Version:

https://daneshyari.com/article/5014478

Daneshyari.com