Author's Accepted Manuscript

A photoviscoplastic model for photo activated covalent adaptive Networks

Jing Ma, Xiaoming Mu, Christopher N. Bowman, Youyi Sun, Martin L. Dunn, H. Jerry Qi, Daining Fang



www.elsevier.com/locate/jmps

PII: S0022-5096(14)00091-X

DOI: http://dx.doi.org/10.1016/j.jmps.2014.05.008

Reference: MPS2477

To appear in: Journal of the Mechanics and Physics of Solids

Received date: 23 January 2014 Revised date: 16 April 2014 Accepted date: 12 May 2014

Cite this article as: Jing Ma, Xiaoming Mu, Christopher N. Bowman, Youyi Sun, Martin L. Dunn, H. Jerry Qi, Daining Fang, A photoviscoplastic model for photo activated covalent adaptive Networks, *Journal of the Mechanics and Physics of Solids*, http://dx.doi.org/10.1016/j.jmps.2014.05.008

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 galley proof before it is published in its final citable 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

A Photoviscoplastic Model for Photo Activated Covalent Adaptive Networks

Jing Ma¹, Xiaoming Mu^{2,3}, Christopher N. Bowman⁴, Youyi Sun¹, Martin L. Dunn^{2,5}, H. Jerry Qi^{2,3*}, Daining Fang^{1*}

¹College of Engineering, Peking University, Beijing, China ²Department of Mechanical Engineering, University of Colorado, Boulder, CO, USA ³School of Mechanical Engineering, Georgia Institute of Technology, Atlanta, GA, USA ⁴Department of Chemical and Biological Engineering, University of Colorado, Boulder, CO, USA

⁵Singapore University of Design and Technology, Singapore

Corresponding authors: fangdn@pku.edu.cn; qih@me.gatech.edu

Download English Version:

https://daneshyari.com/en/article/7178221

Download Persian Version:

https://daneshyari.com/article/7178221

<u>Daneshyari.com</u>