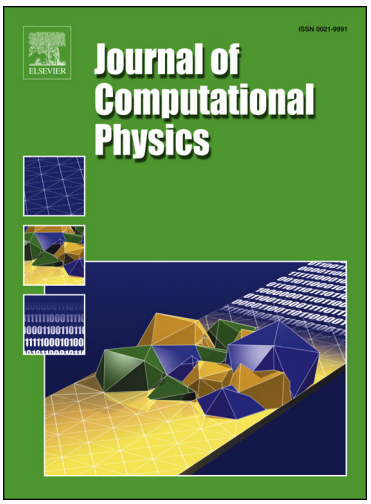
Accepted Manuscript



Off-lattice simulation algorithms for athermal chain molecules under extreme confinement

Pablo Miguel Ramos, Nikos Ch. Karayiannis, Manuel Laso

PII: S0021-9991(18)30585-0
DOI: https://doi.org/10.1016/j.jcp.2018.08.052
Reference: YJCPH 8238

To appear in: *Journal of Computational Physics*

Received date: 20 July 2018
Revised date: 27 August 2018
Accepted date: 29 August 2018

Please cite this article in press as: P.M. Ramos et al., Off-lattice simulation algorithms for athermal chain molecules under extreme confinement, *J. Comput. Phys.* (2018), https://doi.org/10.1016/j.jcp.2018.08.052

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.

Graphical abstract

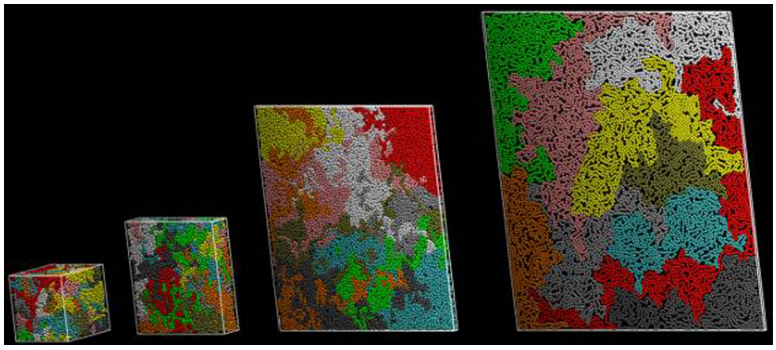
Journal of Computational Physics ●●●●, ●●●, ●●●

Off-lattice simulation algorithms for athermal chain molecules under extreme confinement

Pablo Miguel Ramos, Nikos Ch. Karayiannis*, Manuel Laso

Instituto de Sistemas Optoelectrónicos y Microtecnología (ISOM) and ETSII, Universidad Politécnica de Madrid (UPM), José Gutiérrez Abascal 2, E-28006 Madrid, Spain

Snapshots of computer-generated athermal polymer configurations under full confinement with increasing cell aspect ratio starting from 3-d cubic cells and leading to 2-d templates.



Download English Version:

https://daneshyari.com/en/article/10139589

Download Persian Version:

https://daneshyari.com/article/10139589

Daneshyari.com