

Accepted Manuscript

Size effects in lattice structures and a comparison to micropolar elasticity

Marcus Yoder , Lonny Thompson , Joshua Summers

PII: S0020-7683(18)30121-5
DOI: [10.1016/j.ijsolstr.2018.03.013](https://doi.org/10.1016/j.ijsolstr.2018.03.013)
Reference: SAS 9938



To appear in: *International Journal of Solids and Structures*

Received date: 31 August 2017
Revised date: 5 February 2018
Accepted date: 12 March 2018

Please cite this article as: Marcus Yoder , Lonny Thompson , Joshua Summers , Size effects in lattice structures and a comparison to micropolar elasticity , *International Journal of Solids and Structures* (2018), doi: [10.1016/j.ijsolstr.2018.03.013](https://doi.org/10.1016/j.ijsolstr.2018.03.013)

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.

Size effects in lattice structures and a comparison to micropolar elasticity

Marcus Yoder¹, Lonny Thompson¹, Joshua Summers¹

¹Department of Mechanical Engineering, Clemson University

Keywords

Continuum modeling, Size effects, Cosserat Elasticity, Micropolar Elasticity, thin walled lattice structures

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6748301>

Download Persian Version:

<https://daneshyari.com/article/6748301>

[Daneshyari.com](https://daneshyari.com)