## Accepted Manuscript

Title: Phononic Layered Composites for Stress-wave

Attenuation

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PII: \$0093-6413(15)00088-9

DOI: http://dx.doi.org/doi:10.1016/j.mechrescom.2015.05.001

Reference: MRC 2961

To appear in:

Received date: 18-11-2014 Revised date: 17-3-2015 Accepted date: 4-5-2015

Please cite this article as: Nemat-Nasser, S., Sadeghi, H., Amirkhizi, A.V., Srivastava, A., Phononic Layered Composites for Stress-wave Attenuation, *Mechanics Research Communications* (2015), http://dx.doi.org/10.1016/j.mechrescom.2015.05.001

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# ACCEPTED MANUSCRIPT

### 1. Highlights

- A design strategy is presented to develop layered composites with high attenuation coefficient and high in-plane stiffness
- Dynamic homogenization used
- The methodology is illustrated in terms of the specific example
- The results are experimentally verified

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