

## ***Interactive comment on “Effect of Disorder on Bulk SoundWave Speed : A Multiscale Spectral Analysis” by Rohit Kumar Shrivastava and Stefan Luding***

### **Anonymous Referee #1**

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Review of NPG-2016-83, by Rohit Kumar Shrivastava and Stefan Luding, “Effect of Disorder on Bulk SoundWave Speed : A Multiscale Spectral Analysis”

The authors have presented interesting results of a numerical study on wave propagation through a precompressed mass disordered granular chain. The paper is reasonably well written and is worth to be published.

Typographical mistakes and other minor corrections 1. Page 11 string 9 “...the shape of the distribution (h)as no effect...” 2. Page 17 string 8 Figure ?? 3. Page 20 string 13 “...far away from the source (Fig (probably, Eq.) 41 and Table 6).”

Please also note the supplement to this comment:

C1

<http://www.nonlin-processes-geophys-discuss.net/npg-2016-83/npg-2016-83-RC1-supplement.pdf>

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Interactive comment on Nonlin. Processes Geophys. Discuss., doi:10.5194/npg-2016-83, 2017.