
JSTAT proofs | Happy New Year!

Jon Machta <machta@physics.umass.edu>

Thu, Jan 5, 2012 at 1:59 PM

To: Don Blair <dwblair@physics.umass.edu>

Cc: Christian Santangelo <csantang@physics.umass.edu>

Don and Chris,
Here are a few changes.
Best regards,
Jon

1. I prefer our original "density-one" to the new "density-1".

What do you think, should we change them all back?

2. Section 2 is called "Analysis of packings" but also includes the numerical results now, should we rename it "Analysis of packings and numerical results"

What do you think?

3. We are not consistent with how we refer to the table. Sometimes it is "the table" and sometimes "table 1". Since there is only one table I suggest we call it "the table" and remove the "1" everywhere including its caption. For example, in the middle and bottom of page 3, "table 1" becomes "the table".

Section 2.2.2, the number "23" in the title should not be italicized.

4. At the end of section 2.2.2. I prefer to remove the parentheses and add a comma. (As a rule I don't like to use parentheses when the parenthetical phrase is part of the argument): "typical simulation result, which clearly has not yet fully converged."

5. Section 2.3, there seems to be an extra space after the "To summarize"

6. At the bottom of page p.13, the additional subscript "i" should appear in the \tan^{-1} expression. Also, in the last sentence, I think "orientational" should be replaced by "rotational".

7. There are two sentences with the same meaning in the last paragraph. I suggest deleting "Are there other densest packing on a torus similar... $N=12$."

8. Ref 15 is published as

```
@article{PhysRevLett.107.215503,  
  volume = {107},  
  journal = {Phys. Rev. Lett.},  
  author = {Ras, Tadeus and Schilling, Rolf and Weigel, Martin},  
  title = {Regular Packings on Periodic Lattices},  
  year = {2011},  
  pages = {215503}  
}
```

On Jan 3, at 4:20 PM, Don Blair wrote:

[Quoted text hidden]

> <jstat_office_annotation.png><JSTAT_003P_1111.pdf>
