Janets plasma paper

Reviewer E

May 5, 2013

Abstract

Please proofread the enclosed manuscript. The author will be helped by your comments; please write with this in mind. Return the marked up copy and send a .tex, .dvi, or .pdf copy of the answers to the questions below in an email to Dr. Severn.

1 General Questions

1. Did you find any physics errors or mathematical errors? Was the logical underpinning of the arguments and explanation strong or weak? This is *really* of first importance. **No math/logic errors, underpinning is fine.**

2. Did the writer adequately explain how the experiment works, both at the advanced, modern physics level, and at the more basic and practical classical physics level?

   Very thorough, especially the part about the lock in.

3. Is the manuscript complete? That is, does it describe all of the prescribed experiments and results? **Abstract is missing.**

4. Did the abstract tell directly and concisely about what done and what were the results? **Abstract is missing.**

5. Did the author help provide a sense of background interest in the experiments? Was it clear why the experiments provide useful scientific knowledge? Did the author explicitly describe the organization of the paper, and did the author stick with it?

   Yes.

6. Were the attempted experiments clearly described? **Yes very extensively.**

7. Were their results adequately explained? **Yes.**

8. Is it clear that author has revised the submitted draft and has proofread it for errors? **yes minimal errors**

9. Were the 3 rules for formatting mathematical prose scrupulously followed? **yes**

10. Does the format of the submission (section numbering, format of references, etc.) conform to AIP standards? (By the way, if the manuscript isn't suitably 'LaTeXéd', then there is an issue to note here). **No there is a figure formatting error, otherwise its fine.**

2 Short responses to be made at the discretion of the reviewer

- Was there anything you wished to know more about which if added could improve the paper (or anything which should be left out)? **noted on manuscript**

- Any general comments about the paper? **Style could use work, noted on manuscript.**