

MS: 2012\_PRR1 2898

Title: Quantum Effects of Tayleigh-Taylor Instability of a Plasma-vacuum

Author: G. A. Hoshoudy

**Review Comments (After Revision):**

I expected to author to write the response in more specific way. The improvement of the manuscript is very good. But still some comments are not response well. The authors simply mention that the comments have been considered/ done, but author does not respond properly. Before I recommend the paper to publish in Physical Review & Research International (PRRI), author should response the followings (especially 1<sup>st</sup> comment) –

1. Author should explain in details-
  - c. How the present results are significantly different from previous work?
4. Some notation used without its definition, like  $\sigma$  and  $k$ . Author should explain ‘ $\rho$  is the density,  $p$  thermal pressure,  $g$  is the gravitational acceleration’ of what?

In addition with-

1. Author may not define  $q_l$  again after Eq. (47) as it has already done in Eq. (43).
2. Definition of  $m_e$  and  $m_i$  in Eq. (14) also missing.

**Reviewer Details:**

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