



**SDI FINAL EVALUATION FORM 1.1**

**PART 1:**

Journal Name:	<a href="#">Physical Review &amp; Research International</a>
Manuscript Number:	MS: 2012_PRR1 2898
Title of the Manuscript:	Quantum Effects on Rayleigh-Taylor instability of a plasma-vacuum.

**PART 2:**

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>The author has made amendments in the revised manuscript which is a positive response from him. Now it will be good for reader as well to understand the problem properly. The mathematics seems to be correct. However, I still have two basic questions to author, which are given below:</p> <ol style="list-style-type: none"> <li>1. Why the author has not included Fermi pressure in the model and included quantum effects with only Bohm potential term. At which particular plasma densities (numerically) the author is studying quantum effects, where thermal pressure is retained with Bohm potential term in the model and Fermi pressure is ignored. Under what assumption Fermi pressure term has been ignored in comparison with Bohm potential term. This should be clearly written in the manuscript.</li> <li>2. Why the figure has been plotted between square of growth rate and square of wave number (k). Can it be plotted with growth rate and k only i.e., without their squares.</li> </ol> <p>After seeing satisfactory reply of two basic questions, the paper could be accepted for publication.</p> <p>Note: the changes made in the revised manuscript should not be written in yellow color text, it will be better to make them in bold text (or blue text) so that the revised text could be readable easily.</p>	