



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_42211
Title of the Manuscript:	SPECTRAL CHARACTERISTICS OF THE BARRIER DISCHARGE ON MERCURY DIODIDE VAPOR WITH NEON MIXTURE
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments		
Optional/General comments	<p>This manuscript contains original results and it is written very clearly and concisely. The problem and its solution is excellently represented in the abstract.</p> <p>Large number of references is included in the paper. It is obvious that the authors have investigated spectral characteristics of plasma a lot, since their results are unique. Kinetics of excitation process is described very well, with many equations. The addition about practical application of this spectral analysis is desirable.</p> <p>I suggest the publishing of this manuscript with great pleasure.</p>	<p>I added in conclusion the information on practical applications: In addition, emission at these wavelengths, one in the visible range and the other in the UV range, can be efficiently used to activate photosynthesis with simultaneous destruction of viruses and bacteria.</p>