



SDI Review Form 1.6

PART 1:

Journal Name:	Physical Review & Research International
Manuscript Number:	MS: 2012_PRR_I_2884
Title of the Manuscript:	Electronic structure with rovibrational and dipole moment calculations of the LaS molecule.

General guideline for Peer Review process is available in this link:

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	<p>There are several compulsory corrections:</p> <ol style="list-style-type: none"> 1- Use consistent notation throughout the manuscript (Eq. 3 and Eqs. 4-6; upper case phi, lower case phi; character style of Eq. 5-2 is different than the others). 2- Put names and units of axes in all the figures. 3- Generate all the figures (graphs) in the same style (Fig. 5 is different than the others). 4- There are some meaningless characters; in lines 113, 241, 242, 243, 246 (\square)? 5- Missing information in Ref. 5 (year?). 	<p>1-The notations and the characters are corrected in Eq.3, Eqs. 4-6, and Eq. 5-2.</p> <p>2- The units are added to the figures</p> <p>3- The Figures are redrawn with the same style</p> <p>4- Because of the conversion of the text from word into pdf, the (\square) are:</p> <ul style="list-style-type: none"> - $\Psi_{vj}(r)$ in line 113 -states $(1)^2\Pi\square$ and $(2)^2\Sigma^+$ in line 241 -state $(3)^2\Pi$ in line 242 - constant $\square\omega_e$ in line 243 -$(2)^2\Sigma\square$ and r_e in line 246 <p>5-the year in Ref.5 is corrected</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		I deeply appreciate the valuable remarks and corrections of the referee.