



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Physical Review & Research International
Manuscript Number:	MS: 2012_PRR1_2884
Title of the Manuscript:	Electronic structure with rovibrational and dipole moment calculations of the LaS molecule.

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>1. I wrote that the sentences in line 55-67 should be transformed to the Introduction,, and it was done. But it should be more brushed up. Lines 55-62 should be written after line 74; as the purpose of the test of variation in fundamental constants should be written just after line 54. From line 68, the purpose as quantum computer is shown. Then the paragraph from line 55 should be after this. And I must also say , that the advantageous points ii) – v) are not just for the vibrational states, but also for rotational states. And also i),,, diatomic molecules have only one vibrational mode. I think the part “This vibrational,,,,,” should be eliminated.</p> <p>2. I think in Table 3, values of B_v in the $(1)^4\Pi$ are wrong. If described as “$B_v \times 10$”, it should be 0.843,,,, ? In the original version, it was written “$B_v \times 10^2$”.</p>	<p>1. The lines 55-62 are moved after line 74. The lines 57 (from this vibrational) until line 62 are removed.</p> <p>2. I checked the initial calculated files, the original version was right. I corrected the power in Table 3 for the values of B_v for the state $(1)^4\Pi$.</p>