



**SDI FINAL EVALUATION FORM 1.1**

**PART 1:**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	2014_PSIJ_12576
Title of the Manuscript:	Electron energy levels for a finite elliptical quantum wire in a transverse magnetic field

**PART 2:**

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>I think, that in principle, the paper could be published, but English is still unsatisfactory. For instance, in the Abstract one can read: "The ground state energy is compared with the previous work". Perhaps the Author/Authors would like to say: "Calculated ground state energy is compared with that one obtained in previous work", or something like this.</p> <p>Somewhere else one reads: "The value of <math>\xi_0</math> belong to the interval <math>(0, \infty)</math>. The ellipse near to a line segment which length is <math>2a</math> when <math>\xi_0</math> close to zero and near to an approximate circle which radius near to infinity when <math>\xi_0</math> close to infinity".</p> <p>First of all, it should be "<math>\xi_0</math> belongs...". The next sentence is also unsatisfactory, it would be better to say: "when <math>\xi_0</math> tends to zero, the ellipse tends to be a line segment of the <math>2a</math>-length, when <math>\xi_0</math> tends to infinity, the ellipse .....", or something like this and so on.</p> <p>Page 4, the lines 115-116: "<i>m</i> and <i>n</i> are round numbers." Frankly, I don't know what does it mean "round numbers". Are they <i>integer numbers</i>? Usually, the quantum numbers are integers.</p> <p>I believe that only after the necessary language correction will be made, the paper could be published. Once more, my advice is to consult the issues of English language to the native speaker, or at least to a person, who is better command it.</p>	<ol style="list-style-type: none"><li>1. "The ground state energy is compared with the previous work" in lines 14 and 15 is changed to "Calculated ground state energy is compared with that one obtained in previous work".</li><li>2. The "belong" in line 135 is changed to "belongs".</li><li>3. "The ellipse near to a line segment which length is <math>2a</math> when <math>\xi_0</math> close to zero and near to an approximate circle which radius near to infinity when <math>\xi_0</math> close to infinity" in lines 135-137 is changed to "When <math>\xi_0</math> tends to zero, the ellipse tends to be a line segment of the <math>2a</math>-length; When <math>\xi_0</math> tends to infinity, the ellipse tends to be an approximate circle."</li><li>4. "<i>m</i> and <i>n</i> are round numbers." in lines 115-116 is changed to "The quantum numbers <i>m</i> and <i>n</i> are integers."</li><li>5. The "one obtained" is added in line 224 before "when the magnetic field applied along z-axis."</li><li>6. "become larger" in line 199 is changed to "becomes larger"</li></ol>