



SDI Review Form 1.6

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| Journal Name:            | <a href="#">Physical Science International Journal</a>                                      |
| Manuscript Number:       | Ms_PSIJ_50641   |
| Title of the Manuscript: | Higher-order Spectral Filtering Effects on the Evolution of Stationary Dissipative Solitons |
| 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>)



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**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) |
|-------------------------------------|--|---|
| <b>Compulsory</b> REVISION comments | <ol style="list-style-type: none"><li>1. Page 1. Abstract. Line 5 should read “.....parameters. With real coefficients, the CSHE exhibits...”</li><li>2. Page 1. Abstract. Line 8 should read “..that it differently influences the cubic..”</li><li>3. Page 1. Introduction. Left column. Line 2. “and which” is not right.</li><li>4. Page 2. Left column. Line 1 should read “In recent studies, the effect of spectral filtering in mode-locked filter lasers with an extended geometric model was presented [20]. It was demonstrated that..”</li><li>5. Page 2. Left column. Line 7 should read “Thus, the numerical models show the vital roles of the spectral filtering effects on chirped pulse behaviors [21].”</li><li>6. Page 2. Left column. Line 9 should read “..pulse, the impact ...equation was analyzed.”</li><li>7. Page 2. Left column. Line 29 should read “.....structures. It can be both quantitatively and qualitatively described as a number of nonlinear effects...”</li><li>8. Page 2. Right column. Line 8 should read “When <math>\gamma_2 = 0</math> (which....maximum [26]. But...”</li><li>9. Page 2. Right column. Line 20 should read “The less <math>\gamma_2</math>, the higher the maximum response.”</li><li>10. Page 2. Right column. Line 32 should read “...difficulty, one can use...”</li><li>11. Page 2. Right column. Line 1 from the bottom should read “ ....do not affect...”</li><li>12. Page 3. Left column. Line 9 from the bottom should read “It is clearly seen that the CSHE..”</li><li>13. Page 3. Right column. Line 16 should read “showing that the energy relies solely....”</li><li>14. Page 3. Right column. Line 27. “help to” is supposed to be followed by an infinitive verb. “cartography” is a noun so the sentence must be rewritten.</li><li>15. Page 3. Right column. Line 30 should read “....solutions, the ingenuity..”</li><li>16. Page 4. Left column. Line 4 should read “.....analysis of Figure 2...”</li><li>17. Page 4. Left column. Line 4 should read “.....term values play an..”</li><li>18. Page 4. Right column. Line 1 should read “....an investigation on the...”</li><li>19. Page 4. Right column. Line 4 should read “....Figure 3 shows..”</li><li>20. Page 4. Right column. Line 4 should read “....shows this discussion clearly.”</li><li>21. Page 4. Right column. Line 11 should read “....Figure 3 points out....”</li><li>22. Page 4. Right column. Line 12 should read “....for the three values of <math>\gamma_2</math> (0.01, 0.03 and 0.05).”</li><li>23. Page 4. Right column. Line 17. The sentence “the more...” is wrong. More important cannot be used with energy because it is not clear and it is not scientific. The verb to be “is” can also be omitted.</li><li>24. Page 4. Right column. Line 34 should read “(Figure 3 vs Figure 4) is reversed. Figure 4 shows...”</li><li>25. Page 5. Left column. Line 6 should read “.....of Figure 3...”</li><li>26. Page 5. Left column. Line 13 should read “.....widths. Indeed, one of..”</li><li>27. Page 5. Left column. Line 18 should read “.....on Figure 5, 6 and 7..”</li><li>28. Page 5. Left column. Line 20. The expression is repetitive. See Item 22.</li><li>29. Page 5. Left column. Line 30. “so has no” has no subject.</li><li>30. Page 5. Left column. Line 31 should read “..with Figure 5...”</li><li>31. Page 5. Left column. Line 35 should read “..propagation (Figure 5, ...”</li><li>32. Page 5. Left column. Line 41 should read “..width stays at..”</li></ol> | <p>I corrected the manuscript and highlighted in yellow colour that part in the revised manuscript.</p>   |



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|                                  | <p>33. Page 5. Left column. Line 42 should read "...respectively. Therefore, the temporal.."</p> <p>34. Page 6. Left column. Line 6 should read "..on Figure 8 and 9."</p> <p>35. Page 6. Left column. Line 9 should read "... (Figure 8)"</p> <p>36. Page 6. Left column. Line 10 should read "... (Figure 9)"</p> <p>37. Page 6. Left column. Line 11 should read "...keeps the same.."</p> <p>38. Page 6. Right column. Reference 2, 4, 5 and 16 should follow standard pattern and the month is not necessary to be mentioned.</p> <p>39. Page 6. Right column. Reference 7 should read "Phys. Rev."</p> <p>40. Page 7. Left column. Reference 18, 19 and 21. The name of the journal must be italicized and the date should not be given, following the standard pattern consistently.</p> |  |
| <u>Minor</u> REVISION comments   |   |  |
| <u>Optional/General</u> comments |   |  |

**PART 2:**

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|---|--|---|
|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> (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) |
| <b>Are there ethical issues in this manuscript?</b> | <u>(If yes, Kindly please write down the ethical issues here in details)</u> |   |