

Review Form2

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|--------------------------|-----------------------------------------------------------------------------------------|
| Book Name:               | <a href="#">Mathematics and Computer Science - Contemporary Developments</a>            |
| Manuscript Number:       | Ms_BPR_1970                                                                             |
| Title of the Manuscript: | MOTIF ON PYTHAGOREAN TRIANGLES IN CONNECTION WITH DHURUVA NUMBERS OF ORDER FOUR AND SIX |
| Type of the Article      | Book Chapter                                                                            |

PART 1: Review Comments

| Compulsory REVISION comments                                                                                                                                                                                                         | Reviewer’s comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author’s Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.                        | This manuscript offers significant contributions to the scientific community by exploring the intricate relationships between Pythagorean triangles and Dhuruva. It provides valuable insights into the theory of numbers, showcasing unique patterns and properties of these special number sets.                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                             |
| Is the title of the article suitable? (If not please suggest an alternative title)                                                                                                                                                   | A suggested alternative title might be:<br><br>"Exploring Pythagorean Triangles through Dhuruva Numbers: A Study of Orders Four and Six"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                             |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.                                                                          | <input type="checkbox"/> Mention the specific mathematical focus on Pythagorean triangles and Dhuruva numbers.<br><input type="checkbox"/> Highlight the unique contributions of the paper, such as revealing new patterns and providing a detailed analysis.<br><input type="checkbox"/> Use clear and concise language to ensure the abstract is easily understood                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                             |
| Are subsections and structure of the manuscript appropriate?                                                                                                                                                                         | <input type="checkbox"/> <b>Introduction:</b> Enhance by adding a brief background on Dhuruva numbers and Pythagorean triangles, and clearly state the research objectives.<br><input type="checkbox"/> <b>Section Titles:</b> Make section titles more descriptive to reflect the content and findings.<br><input type="checkbox"/> <b>Subsections:</b> Break down sections into logical subsections to improve readability.<br><input type="checkbox"/> <b>Discussion and Remarks:</b> Include detailed discussions and remarks after presenting tables to explain the significance of the findings.<br><input type="checkbox"/> <b>Conclusion:</b> Summarize key findings and suggest potential areas for future research. |                                                                                                                                                             |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part. | This manuscript is scientifically robust and technically sound due to its meticulous approach to exploring the relationships between Pythagorean triangles and Dhuruva numbers. The authors provide comprehensive mathematical derivations and numerical calculations, ensuring accuracy in their findings.                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                             |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                                                                                                  | The references are sufficient in number but outdated. Including more recent references would enhance the manuscript's relevance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             |

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| Minor REVISION comments<br><br>Is the language/English quality of the article suitable for scholarly communications? | Minor revisions can enhance clarity and readability regarding Grammar and Syntax                                                                                                         |  |
| Optional/General comments                                                                                            | While the structure is logical, there are areas where the organization and clarity can be improved, particularly in defining technical terms and ensuring consistent use of terminology. |  |

PART 2:

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|----------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | 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) |
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) |                                                                                                                                                                              |

Reviewer Details:

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|----------------------------------|----------------------------|
| Name:                            | Waleed AL-Hashimi          |
| Department, University & Country | University of Basrah, Iraq |