

**Review Form 3**

|                          |   |
|--------------------------|---|
| Journal Name:            | <a href="#">Journal of Advances in Mathematics and Computer Science</a>   |
| Manuscript Number:       | Ms_JAMCS_128007   |
| Title of the Manuscript: | <b>On Certain Results On The Diophantine Equation:</b><br>$\sum_{r=1}^n w_r^2 + \frac{n}{3}d^2 = 3 \left( \frac{nd^2}{3} + \sum_{r=1}^{\frac{n}{3}} w_{3r-1}^2 \right)$ |
| Type of the Article      | Original Research Article   |

**PART 1: Comments**

|  | Reviewer's comment  | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | The article is written about Diophantine equations which is a very vast area in Number theory. A particular Diophantine equation is discussed in this paper satisfying certain conditions. There is scope for further research in this topic. |   |
| Is the title of the article suitable? (If not please suggest an alternative title)   | The title of the article is suitable.   |   |
| 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.      | The abstract is comprehensive and contains enough explanation of the paper.   |   |
| Is the manuscript scientifically, correct? Please write here.  | Lots of typographical errors are present in the paper. The equations numbers are typed wrongly. Need to be corrected.   |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                              | Yes   |   |
| Is the language/English quality of the article suitable for scholarly communications?  | Yes   |   |
| <u>Optional/General</u> comments   | The variables taken in the paper are in Arithmetic progression. Kindly ask the authors to mention the significance of the conditions mentioned in all the theorems.   |   |

**PART 2:**

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

**Review Form 3**

**Reviewer Details:**

|                                  |                                |
|----------------------------------|--------------------------------|
| Name:                            | <b>Manju Somanath</b>          |
| Department, University & Country | <b>National College, India</b> |