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| Book Name: | **Computation of Binary Star Orbits** |
| Manuscript Number: | **Ms\_BPR\_5486** |
| Title of the Manuscript:  | **Computation of Binary Star Orbits** |
| Type of the Article | **Complete Book** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimum of 3-4 sentences may be required for this part.** | The article is interesting and wonderful, and contains many topics related to the specialty. The author has experience in narration and explanation. The preceeding sections have presented methods for the calculation of orbits of visual binary stars, with both classical p- e observations and optical interferometric observations, spectroscopic binaries, and combined solutions for both optical and radial velocity observations. Methods for eclipsing binaries are only briefly discuseed because I have little familiarity with these systems. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **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. | **Add the methodology and conclusion in a systematic manner**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **The researcher (author) was able to proceed with the work in a coordinated and systematic manner.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Need to add and update** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Suitable** |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Hassan Tawakol Ahmed Fadol, Sudan University of Science and Technology, Sudan**