

# Review of: "Symmetric Key generation And Tree Construction in Cryptosystem based on Pythagorean and Reciprocal Pythagorean Triples"

Biplab Paik<sup>1</sup>

<sup>1</sup> Vidyasagar University

Potential competing interests: No potential competing interests to declare.

The topic is interesting, and the contents of the paper are well-equipped. The results presented in this paper are correct and motivating for potential readers. Here, the author presents a scheme for symmetric key generation based on Pythagorean and Reciprocal Pythagorean triples. However, I have some suggestions:

1. Careful editing must be done.
2. You should clearly outline in the introduction the novel ideas presented in this manuscript in relation to the existing literature in the field.
3. The conclusion part needs improvement. It appears to be directly copied from the "Main work" section. I recommend that the authors elaborate on the conclusion and its implications.
4. Avoid using references in bulk format such as ([1], [2], [3], [4], [5], [6], [7], [8], [9], [10]). Instead, discuss each reference individually, explaining their relevance.
5. Enhance the literature review and historical background sections.
6. The authors should provide relevant preliminaries related to the content.
7. Verify the symbols used in Table 3 for accuracy and consistency.
8. The author refers to "Chapter 1" multiple times, yet such a chapter is not evident in the manuscript. Clarification is needed.
9. Could you please specify whether this work is intended to be a book chapter or an original research paper?
10. Several sentences or paragraphs seem to be repeated (copied). I recommend a thorough review to rectify these instances.