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

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Potential competing interests: No potential competing interests to declare.

- The paper proposes a novel mechanism for generating symmetric keys based on Pythagorean triples.
- The mechanism is simple and efficient, and it can be implemented using standard cryptographic primitives.
- The paper provides a security analysis of the proposed mechanism, and it shows that it is secure against a variety of attacks.

  The paper does not consider the impact of key size on the security of the proposed mechanism.
- The paper does not provide any experimental evaluation of the proposed mechanism.
- The paper does not consider the scalability of the proposed mechanism.

  The paper could be improved by considering the impact of key size on the security of the proposed mechanism. This would help to ensure that the mechanism is secure even when the keys are relatively small.
- The paper could also be improved by providing experimental evaluation of the proposed mechanism. This would help to assess the performance and security of the mechanism in practice.
- The paper could also be improved by considering the scalability of the proposed mechanism. This would help to ensure that the mechanism can be used to generate keys for a large number of users.